Service Manual

AUTOMOTIVE ELECTRONICS





<CQ-JA1071L>

AUDI CQ-JA1070L CQ-JA1071L CQ-JA1072L CQ-JA1073L CQ-JA1074L

AM/FM MPX ELECTRONIC TUNING RADIO with CD Player

DESTINATION: Europe

PRODUCED AFTER: Aug., 2001

[Note] See the next page about PART No. and VECLE.

Specification*

General

Power Supply DC 12V (11V - 16V),

Test Voltage 14.4V

Negative Ground

Current Consumption Less than 2.5A (0.5W×4ch)

Power Output 12W×2ch Speaker Impedance 4Ω

LW Radio

Frequency Range 153 - 279kHz

Usable Sensitivity 18dB/µV (S/N 20dB)

MW Radio

Frequency Range 531 - 1,602kHz Usable Sensitivity 14dB/ μ V (S/N 20dB)

FM Stereo Radio

Frequency Range 87.5 - 108.0MHz
Usable Sensitivity 12dB/µV (S/N 30dB)

CD Player

Signal to Noise Ratio More than 70dB (IHF-A)
Channel Separation More than 65dB (IHF-A)

Dimensions** 179(W)×51(H)×154(D)mm

Weight** 1.7kg

Panasonic

© 2001 Matsushita Communication Industrial Co., Ltd. All rights reserved. Unauthorized copying and distribution is a violation of law.

^{*} Specifications and the design are subject to possible modification without notice due to improvements.

^{**} Dimensions and Weight shown are approximate.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE =

There are special components used in this equipment which are important for safety. These parts are marked by \triangle in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

CONTENTS

Page	Page
9 PACKAGE AND IC BLOCK DIAGRAM11	1 PART No. AND VEHICLE2
10 REPLACEMENT PARTS LIST12	2 FEATUERS2
11 EXPLODED VIEW (Unit)22	3 LASER PRODUCTS2
12 CD PLAYER PARTS23	4 FRONT VIEW AND FUNCTIONS3
13 EXPLODED VIEW (CD Deck)24	5 REAR VIEW AND CONNECTORS3
14 WIRING DIAGRAM25	6 WIRING CONNECTION4
15 SCHEMATIC DIAGRAM -1 3	7 BLOCK DIAGRAM 5
16 SCHEMATIC DIAGRAM -2 33	8 TERMINALS DESCRIPTION9

1 PART No. AND VEHICLE

[PART No.]

· (CQ-JA1070L) : 8E0 035 186 · (CQ-JA1071L) : 4D0 035 186G · (CQ-JA1072L) : 4B0 035 186G · (CQ-JA1073L) : 8L0 035 186G · (CQ-JA1074L) : 8Z0 035 186A

[VEHICLE]

· (CQ-JA1070L): AUDI A4 · (CQ-JA1071L): AUDI A8 · (CQ-JA1072L): AUDI A6, TT · (CQ-JA1073L): AUDI A3 · (CQ-JA1074L): AUDI A2

2 FEATUERS

- · PLL (Phase Locked Loop) synthesized tuning.
- · 12-FM, 12-AM presets with preset scan
- · NCD-8 CD player.
- · CD Changer control.

3 LASER PRODUCTS

Do not take apart this unit or attempt to make any changes yourself.

This unit is very intricate that uses a laser pickup to retrieve information from the suface of compact discs. The laser is carefully shielded so that its rays remain inside the cabinet. Therefore, never try to disassemble the player or alter any of its parts since you may be exposed to laser rays and dangerous voltages.

Laser products:

Wave length 780nm

Laser power No hazardous radiation is

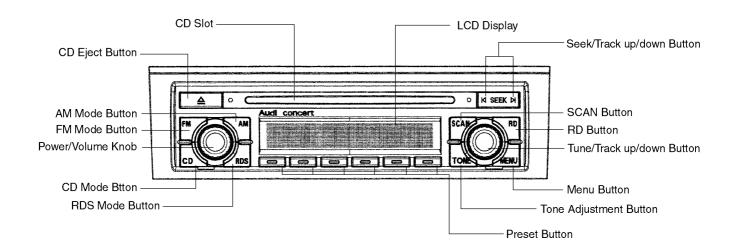
emitted with safety protection.

Caution

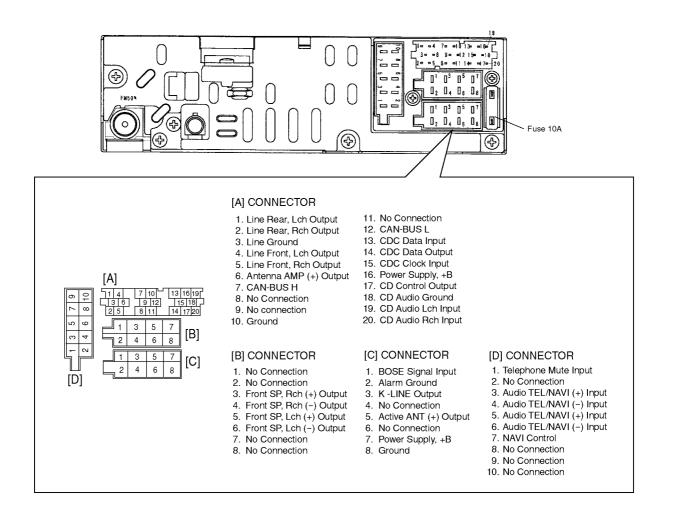
This product utilizes a laser.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

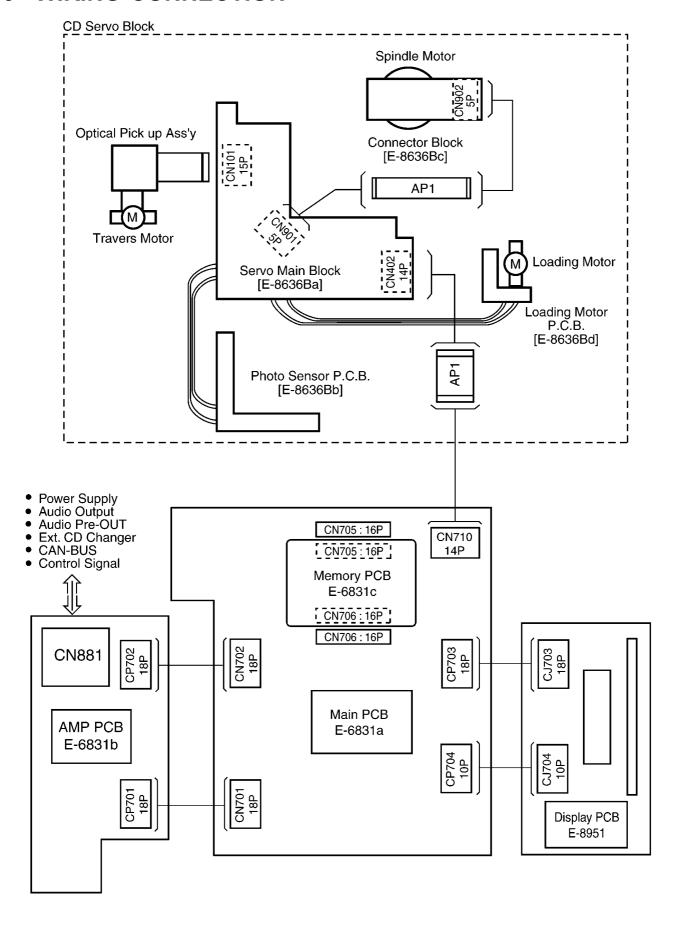
4 FRONT VIEW AND FUNCTIONS



5 REAR VIEW AND CONNECTORS

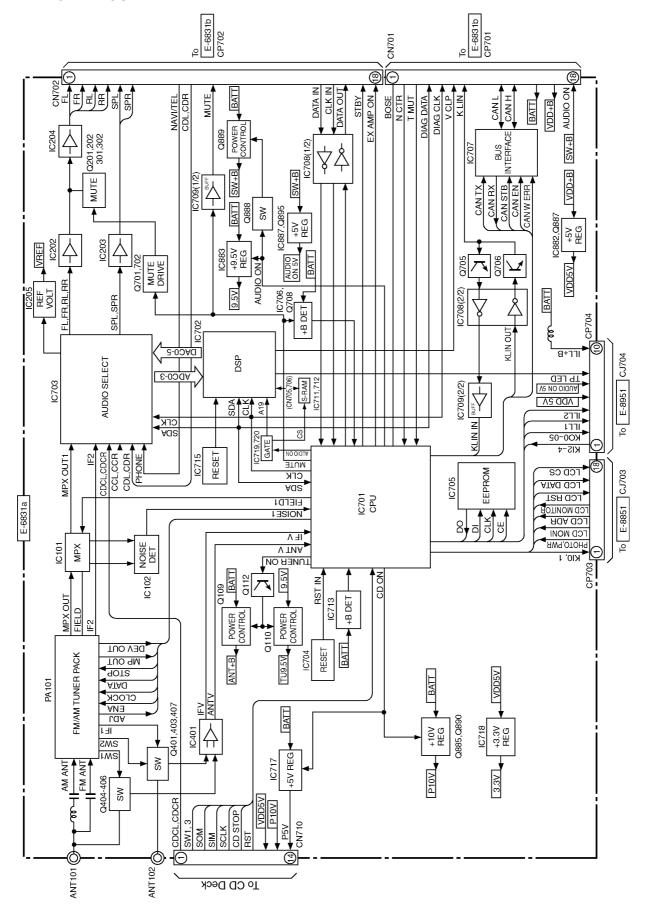


6 WIRING CONNECTION

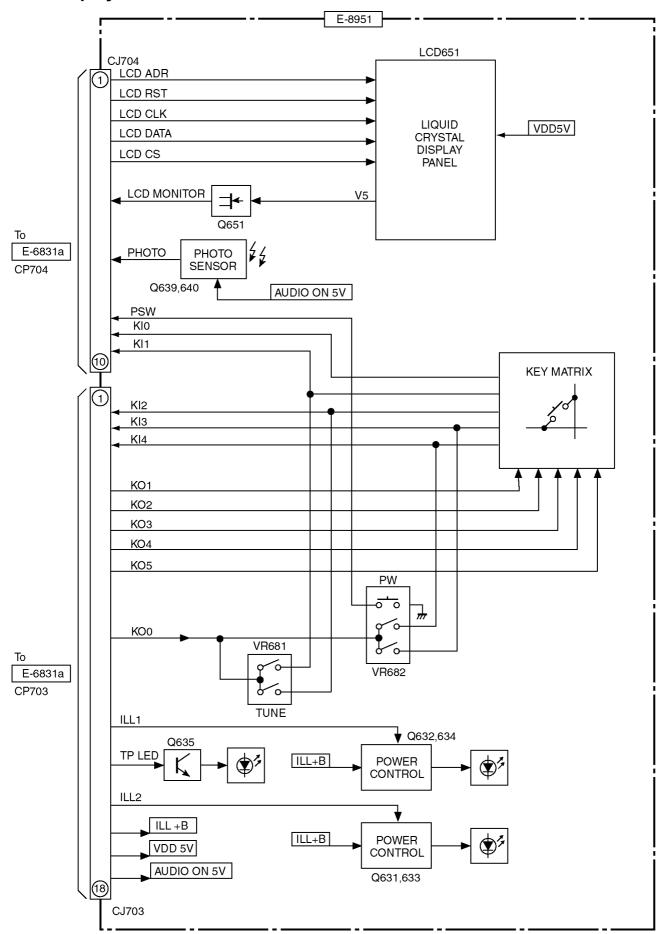


7 BLOCK DIAGRAM

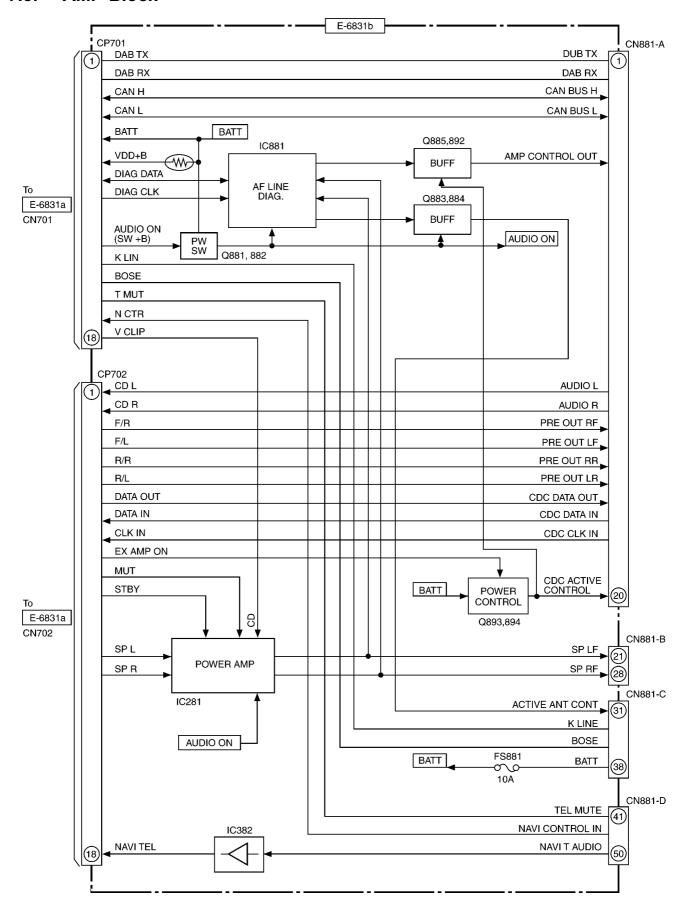
7.1. Main Block



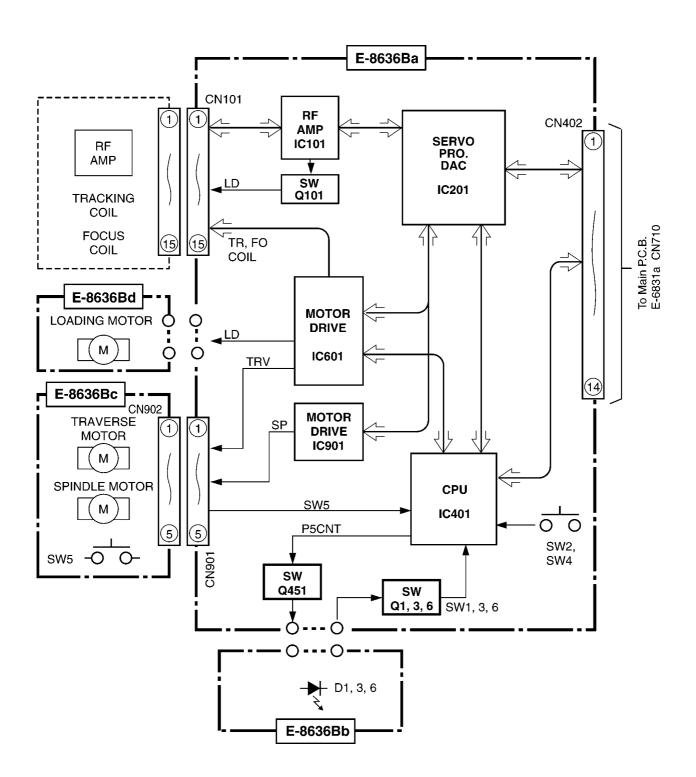
7.2. Display Block



7.3. AMP Block



7.4. CD Servo Block



8 TERMINALS DESCRIPTION

8.1. Main Block

IC701: C2CBKA000001

Pin	Port	Descriptions	I/0	FM	AM	CD
No.			(V)	(V)	(V)	(V)
1	/RSTOUT	Not used	-	-	-	-
2	NMI	(Connecting to GND)		0	0	0
3	VSS	GND	-	0	0	0
4	VDD	+5V power supply	-	4.8	4.8	4.8
5	ILL1	Illumi control	0	0	0	0
6	ILL2	Iiiumi. control	0	2	2	1.2
7	TUNER1.ON	Radio power on/off	0	4.8	4.8	4.8
8 9	TUNER2.ON	Radio power on/off	0	4.8 0	4.8 0	4.8
_	DSP.PWN	DSP power cont.		-	_	0
10	LCD.ADR LCDRST	LCD address LCD reset	0	0 4.8	0 4.8	4.8
12	LCDK51 LCD/E2.CLK	LCD/SEC. data shift clock	0	0	0	0
13		LCD/SEC. serial data	0	0	0	0
13	N	neb/ ble. Bellal data		"	"	"
14	E2.DT.OUT	Security data	I	0	0	0
15	E2.CS	Security IC selection	0	0	0	0
16	AUDIO.ON	Audio power on/off	0	4.8	4.8	4.8
17	vss	GND	-	0	0	0
18	VDD	+5V power supply	-	4.8	4.8	4.8
19	I2C.DATA	DSP/AF.SW data	0	4.8	4.8	4.8
20	I2C.CLK	Data shift clock	0	4.8	4.8	4.8
21	F/E.DATA	Tuner control data	0	0	0	0
22	F/E.CLK	Data shift clock	0	0	0	0
23	F/E.STP	Tuner control	0	2.9	3.7	3.8
24	F/E.ENA	Tuner pack enable	0	0	0	0
25	vss	GND	-	0	0	0
26	VDD	+5V power supply	-	4.8	4.8	4.8
27	FIELD.1	Field strength detection	I	0.9	0.6	0.6
28	N.C.1.1	Noise level detection	I	0	0	0
29	PHOTO	Photo sensor data	I	1.2	0.8	1.9
30	MP.1	FM multipath interference detection	I	2.9	0	0
31	DEV.1	FM deviation	I	0	2.3	2.3
32	ANT.V	ANT1 current intensity	I	0.5	0.5	0.5
33	IF.V	ANT2 current intensity	I	0	0	0
34	MP	FM multipath interference detection	I	0	0	0
35	VA.REF	+5V power sucoly	-	4.8	4.8	4.8
36	VA.GND	GND	-	0	0	0
37	NC	No connection	-	-	-	-
38	NC	No connection	-	-	-	-
39	6.1V DET	+B level detection	I	4.8	4.7	4.6
40	+B MONI.	+B level detection	I	2.9	2.8	2.7
41	vss	GND	-	0	0	0
42	VDD	+5V power supply	-	4.8		
	BAT.DET	+B level detection	I		4.6	_
	P.SW	Power switch	I		4.3	4.5
45	T.MUTE	Tape mute	0	4.8		4.6
46	NC CD.A.MUT/CD	No connection Disc-in SW	- I	0	0	0
	.SW1					
48	STBY	Power Amp stand-by	0	_	4.8	
49	LCD.MONI	LCD	I		4.3	4.4
50	RDS.CLK	RDS data shift clock	I	1.5		
51	VSS	GND	-	0	0	0
52	VDD	+5V power supply	-	4.8		
53	DAB.RX0	Not used	-	-	-	-
	DAB.TX0	Not used	-	-	-	-
54						-
55	NC	No connection	-	-	-	
55 56	NC NC	No connection	-	-	-	-
55 56 57	NC NC RDS.DATA	No connection RDS data	- I	-		1.1
55 56 57 58	NC RDS.DATA NC	No connection RDS data No connection	-	-	-	
55 56 57 58 59	NC NC RDS.DATA NC	No connection RDS data No connection No connection	- I -	- 1.1 - -	- 1.1 - -	1.1
55 56 57 58 59 60	NC RDS.DATA NC NC NC	No connection RDS data No connection No connection No connection	- I - -	- 1.1 - -	- 1.1 - -	1.1
55 56 57 58 59 60 61	NC NC RDS.DATA NC NC CDC.REMO	No connection RDS data No connection No connection No connection CD CH remote data	- I - - - 0	- 1.1 - - - 4.8	- 1.1 - - - 0	1.1 - - - 0.2
55 56 57 58 59 60	NC RDS.DATA NC NC NC	No connection RDS data No connection No connection No connection	- I - -	- 1.1 - - - 4.8	- 1.1 - -	1.1

Pin						
No.	Port	Descriptions	I/O (V)	FM (V)	AM (V)	CD (V)
	KLIN.IN	K-LINE data	I	4.8		4.8
	NC	No connection	-	-	-	-
66	CDC.CLK	CD CH clock	т	4.8	4.8	
67	BOSE	BOSE Amp connection	ī	4.8		
68	VDD	+5V power supply	-	48	4.8	4.8
69	vss	GND	-	0	0	0
70	N.CNTR	NAVI. control	I	4.8	4.6	4.7
71	EXT.AMP.ON	Ext Amp power control	0	0	4.8	4.8
72	CAN.N.ERR	CAN-BUS error	I	4.8	0	4.8
73	CAN.EN	CAN-BUS driver enable	0	0	4.8	0
74	CAN.STB	BUS data strobe	0	0	1.9	0
75	CAN.RX	CAN-BUS data	т	4.8	2.2	2.2
76	CAN.TX	CAN-BUS data	0	4.8	0	2.4
77	CD.RST	CD reset	0		4.8	4.8
			-			
78	VDD	+5V power supply	-		4.8	4.8
79	vss	GND	-	0	0	0
80	/RD	Not used	-	-	-	-
81	/WR/WRL	Not used	-	-	-	-
82	/READY	Not used	-	-	-	
83	ALE	Not used	-	-	-	-
84	/EA	(+5V pull-up)	-		4.8	
85	MUTE	Mute	0	4.8	4.8	4.8
86	KO.0	Key scan	0	0	0.8	0.8
87	KO.1	Key scan	0	0	0.8	0.7
88	KO.2	Key scan	0	0	0.8	0.7
89	KO.3	Key scan	0	0	0.8	0.7
90	KO.4	Key scan	0	0	0.8	0.7
91	NC	No connection	-	-	-	1
92	NC	No connection	-	-	-	-
93	VDD	+5V power supply	-	4.8	4.8	4.8
94	vss	GND	-	0	0	0
95	NC	No connection	-	-	-	-
96	KI.O	Key data	I	0	0	0
97	KO.5	Key scan	0	0.7	0.8	0.7
98	NC	No connection	-	-	-	-
99	NC	No connection	-	-	-	-
100	AF.MUTE	AF mute	0	0	0	0
101		No connection	-	Ť	-	_
	DSP RESET	DSP reset	0	0	0	0
103	t	Not used	-	-	-	-
104		No connection	_		_	_
105	<u> </u>					
		INO connection	_	_	_	_
	NC	No connection	-	-	-	-
107	NC	No connection	- -	-	-	-
107	CD SW3	No connection Audio mute	- - I	- 0	- 0	- 0
108	CD SW3 KI.1	No connection Audio mute Key data	I	0	0.6	0
108 109	CD SW3 KI.1 KI.2	No connection Audio mute Key data Key data	I	0	0.6	0
108 109 110	CD SW3 KI.1 KI.2 KI.3	No connection Audio mute Key data Key data Key data	I I I	0 1 1	0.6 0.7 0.7	0 0 . 7
108 109 110 111	CD SW3 KI.1 KI.2 KI.3 VDD	No connection Audio mute Key data Key data Key data +5V power supply	I	0 1 1 4.8	0.6 0.7 0.7 4.8	0 0 0.7 4.8
108 109 110 111 112	CD SW3 KI.1 KI.2 KI.3 VDD VSS	No connection Audio mute Key data Key data Key data +5V power supply GND	I I - -	0 1 1 4.8	0.6 0.7 0.7 4.8	0 0.7 4.8
108 109 110 111 112 113	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4	No connection Audio mute Key data Key data Key data +5V power supply GND Key data	I I - - I	0 1 1 4.8 0	0.6 0.7 0.7 4.8 0	0 0.7 4.8 0
108 109 110 111 112 113 114	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection	I I - - I	0 1 1 4.8 0 1	0.6 0.7 0.7 4.8 0 0.7	0 0.7 4.8 0 0.7
108 109 110 111 112 113 114 115	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data	I I I - I - O	0 1 1 4.8 0 1 -	0.6 0.7 0.7 4.8 0 0.7 -	0 0.7 4.8 0 0.7 -
108 109 110 111 112 113 114 115	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop	I I I - - I - 0	0 1 1 4.8 0 1 -	0.6 0.7 0.7 4.8 0 0.7 - 0	0 0.7 4.8 0 0.7 - 0 4.8
108 109 110 111 112 113 114 115 116	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data	I I I - - I - 0 0	0 1 1 4.8 0 1 - 0	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3
108 109 110 111 112 113 114 115 116 117	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock	I I I - - I - 0 0	0 1 1 4.8 0 1 - 0 0 0 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3
108 109 110 111 112 113 114 115 116 117 118	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control	I I I - - O O I O	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8
108 109 110 111 112 113 114 115 116 117 118 119	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection	I I I - - I - 0 0	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8
108 109 110 111 112 113 114 115 116 117 118 119 120	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply	I I I - - O O I O	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8
108 109 110 111 112 113 114 115 116 117 118 119 120	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply GND	I I I - - O O I O	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8
108 109 110 111 112 113 114 115 116 117 118 119 120 121	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply	I I I - - I - O O I O	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8 - 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8 4.8 - 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8 0 2.2
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD VSS	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply GND	I I I - - I - O O I O	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8 - 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 4.8 4.8 4.8 - 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8 0 2.2
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD VSS XTAL2	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply GND Crystal oscillator	I I I - I - 0 0 0 I 0 0	0 1 1 4.8 0 1 - 0 0 0 4.8 4.8 - 4.8	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8 4.8 - 4.8	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8 0 2.2
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD VSS XTAL2 XTAL1	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply GND Crystal oscillator Crystal oscillator	I I I - - I - 0 0 0 I 0 0	0 1 4.8 0 1 - 0 0 0 4.8 4.8 - 4.8 0 2.2 2.1	0.6 0.7 0.7 4.8 0 0.7 - 0 0 4.8 4.8 4.8 0 2.2 2.1	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8 0 2.2 2.1
108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126	CD SW3 KI.1 KI.2 KI.3 VDD VSS KI.4 NC CD.SIMO CD STP/STA CD.SOMI CD.SCKM CD.ON NC VDD VSS XTAL2 XTAL1 VSS	No connection Audio mute Key data Key data Key data +5V power supply GND Key data No connection CD serial data CD start/stop CD serial data CD data shift clock CD power control No connection +5V power supply GND Crystal oscillator Crystal oscillator GND	I I I - I - 0 0 0 I 0 0 - -	0 1 4.8 0 1 - 0 0 0 4.8 4.8 - 4.8 0 2.2 2.1	0.6 0.7 0.7 4.8 0 0.7 - 0 4.8 4.8 4.8 0 2.2 2.1	0 0.7 4.8 0 0.7 - 0 4.8 4.3 4.8 - 4.8 0 2.2 2.1

Note: Voltage measuerments are with respect to ground, with a voltmeter (internal resistance: 10M ohms).

8.2. CD Servo Block

IC201: MN662748RPMF

Pin No.	Port	Descriptions	I/O	Vol.
NO.	BCLK	Not used	-	(V) -
2	LRCK	Not used	-	-
3	SRDATA	Not used	-	-
4	DVDD	+5V digital power supply	-	5.0
5	DVSS1	Digital ground	-	0
6	TX	Not used	-	-
7	MCLK	MPU command clock	I	0
8	MDATA	MPU command data	I	0
9	MLD	MPU command load	I	0
10		Sense signal	0	0
12	/FLOCK	Focus servo lock Tracking servo lock	0	4.9
13	BLKCK	Not used	-	-
14	SQCK	Q code external clock	I	4.9
15	SUBQ	Q code output	0	2.5
16	DMUTE	DSP mute	I	0
17	STAT	DSP Status output	0	3.1
18	/RST	Reset input	I	4.9
19,20		Not used	-	-
21	TRV	Forced traverse output	0	2.5
22	TVD	Traverse drive output	0	2.5
23	PC	Spindle motor control	0	0
24	ECM	Spindle motor drive	0	2.5
25	ECS	Spindle motor drive	0	2.5
26	KICK	Kick pulse output	0	2.5
27	TRD	Tracking motor drive	0	2.5
28	FOD	Focus motor drive	0	2.5
29 30	VREF	D/A reference voltage	0	2.5
31	TBAL	Focus balance adjust Tracking balance adjust	0	2.5
32	FE	Focus error signal	I	2.5
33	TE	Tracking error signal	I	2.5
34	RFENV	RF envelope signal	I	2.5
35	VDET	Vibration detection	I	0
36	OFTR	Off track signal	I	0
37	TRCRS	Track closs signal	I	2.1
38	/RFDET	RF detection signal	I	0
39	BDO	Drop out signal	I	0
40	LDON	Laser on/off control	0	4.5
41	PLLF2	Not used	-	-
42	TOFS	TE offset	0	2.5
43	WVEL	Not used	-	-
44	ARE	RF signal	I	1.7
45	IREF	Reference current input DSL bias	T	1.6
46 47	DRF	DSL loop filter	I I/O	2.4
48	PLLF	PLL loop filter	1/0	1.8
49	VCOF	Not used	-	-
50	AVDD2	+5V analog power supply	-	5.0
51	AFSS2	Analog ground		0
52	EFM	Not used		-
53	PCK/DSLB		I	2.4
	FCR/DDDD	DSL bias		2.5
54	VCOF2	Tracking offset	0	2.3
54 55	VCOF2 SUBC	Tracking offset Not used	0 -	-
54 55 56	VCOF2 SUBC SBCK	Tracking offset Not used (Connecting to ground)		-
54 55 56 57	VCOF2 SUBC SBCK VSS	Tracking offset Not used (Connecting to ground) Ground	- - -	- - 0
54 55 56 57 58	VCOF2 SUBC SBCK VSS X1	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator	- - - I	- - 0 1.7
54 55 56 57 58 59	VCOF2 SUBC SBCK VSS X1	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator	- - - I	- 0 1.7 2.3
54 55 56 57 58 59 60	VCOF2 SUBC SBCK VSS X1 X2 VDD	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply	- - - I	- 0 1.7 2.3 5.0
54 55 56 57 58 59 60 61,62	VCOF2 SUBC SBCK VSS X1 X2 VDD	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used	- - - I	- 0 1.7 2.3 5.0
54 55 56 57 58 59 60 61,62	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used	- - I 0 - -	- 0 1.7 2.3 5.0
54 55 56 57 58 59 60 61,62 63 64	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used	- - - I	- 0 1.7 2.3 5.0 - -
54 55 56 57 58 59 60 61,62 63 64	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG FLAG	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used Not used	- - I 0 - - -	- 0 1.7 2.3 5.0 - -
54 55 56 57 58 59 60 61,62 63 64 65 66-69	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG FLAG	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used Not used Not used Not used Not used	- - I O - - -	- 0 1.7 2.3 5.0 - - -
54 55 56 57 58 59 60 61,62 63 64	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG FLAG - IOSEL	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used Not used Not used Not used (Connecting to ground)	- - I 0 - - -	- 0 1.7 2.3 5.0 - -
54 55 56 57 58 59 60 61,62 63 64 65 66-69 70	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG FLAG - IOSEL /TEST	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used Not used Not used Not used (Connecting to ground) (Connecting to ground)	- - I O - - - - - - I	- 0 1.7 2.3 5.0 - - - - 0
54 55 56 57 58 59 60 61,62 63 64 65 66-69	VCOF2 SUBC SBCK VSS X1 X2 VDD - FCLK IPFLAG FLAG - IOSEL	Tracking offset Not used (Connecting to ground) Ground Crystal oscillator Crystal oscillator +5V power supply Not used Not used Not used Not used Not used (Connecting to ground)	- - I O - - - - - I	- 0 1.7 2.3 5.0 - - - -

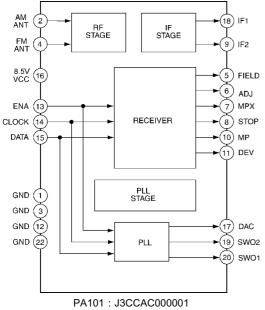
Pin No.	Port	Descriptions	1/0	Vol. (V)
75	OUTR	Audio Rch output	0	4.9
76	RSEL	(Connecting to ground)	-	0
77	CSEL	(Connecting to ground)	-	0
78	PSEL	(Connecting to ground)	-	0
79	MSEL	(Connecting to ground)	-	0
80	SSEL	mode select	I	5.0

IC401: MN101C117AF

Pin No.	Port	Descriptions	I/O	Vol.
1	MASHON	Servo IC OSC control	0	5.0
2	P82	No connection	-	-
3	P81	No connection	-	-
4	P5CNT	Photo sensor LED on/off	0	0
5	Q1	Photo sensor signal (DISC IN)	I	4.5
6	Q3	Photo sensor signal (DISC OUT)	I	4.2
7	Q6	Photo sensor signal (Option)	I	5.0
8	SW4	Clamp SW signal	I	0
9	SW5	Inner SW signal	I	5.0
10	SW2	Feeder arm SW	I	5.0
11	PA6	(Connection to ground)	-	0
12	PA7/IFR	(Connecting to ground)	I	0
13	VDD	+5V power supply	-	5.0
14	OSC2	Crystal oscillator	-	5.0
15	osc1	Crystal oscillator	-	3.3
16	vss	Ground	-	0
17	NC	No connection	-	-
18	SOMI	CD control data	0	3.2
19	SIMO	CD control data	ī	3.8
20	SCLM	Data shift clock	I	5.0
21	A.MUTE	Audio mute	0	0
22	BD0	Drop out signal	I	0
23	PC1	Loading motor driver control	0	5.0
24	PS2	Focus/Tracking driver control	0	0
25	VDET	Vibration detecting signal	I	0
26	P14	No connection	-	-
27	CDON	CD on signal	I	5.0
28	IRQ1.SENSE	(Connecting to groung)	-	0
29	IRQ2	(Connecting to ground)	-	0
30	LOD	Loading motor control	-	2.6
31	TRV	Traverse motor control	-	2.5
32	/PRST	Servo IC reset	0	5.0
33	STAT	Status signal	I	4.0
34	DMUTE	DSP mute	0	0
35	SUBQ	Sub code Q data	I	2.6
36	SQCK	Sub code Q clock	0	5.0
37	/TLOCK	Tracking servo lock	I	0
38	/FLOCK	Focus servo lock	I	0
39	NRST	reset input	I	5.0
40	MMOD	(Connecting to ground)	-	0
41	SENSE	Sense signal	I	0
42	MLD	Command load	0	5.0
43	MDATA	Command data	0	0.9
44	MCLK	Command clock	0	4.6

9 PACKAGE AND IC BLOCK DIAGRAM

9.1. Main Block

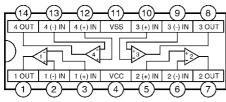


Vo4 Vin4- Vin4+ GND Vin3+ Vin3- Vo3

14 13 12 11 10 9 8

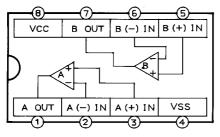
- + + 4 3 3 3 4 5 6 7

Vo1 Vin1- Vin1+ Vcc Vin2+ Vin2- Vo2

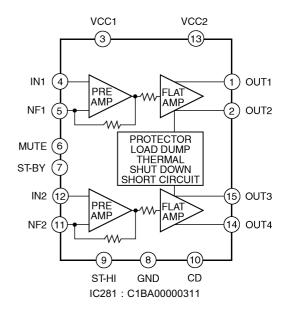


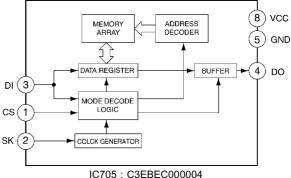
IC101: AN6564NST1

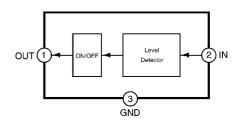
IC102, 202, 204 : C0ABCB000032



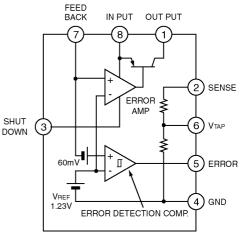
IC203, 205, 382 : YEAMPC4570T1







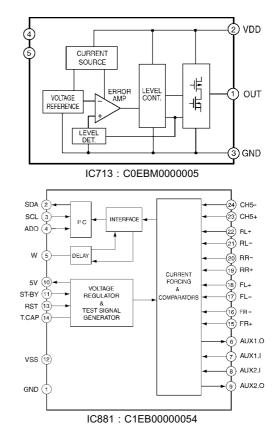
IC704: MN1382QP IC715: MN1382JP



IC706: YEAM2951MT

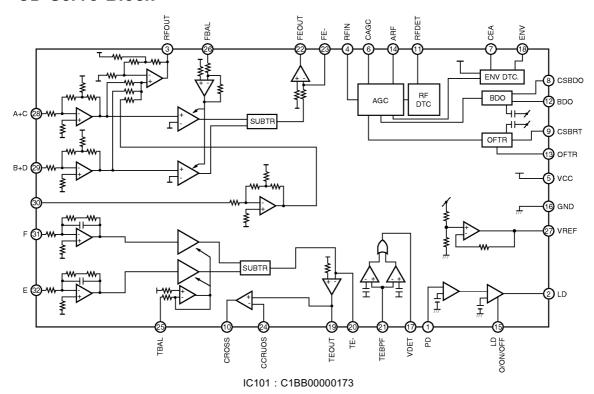
AUDI / CQ-JA1070L / CQ-JA1071L / CQ-JA1072L / CQ-JA1073L / CQ-JA1074L INH TEMPERATURE PROTECTION /WAKE /STB (5 ₩ sw EN 🧐 -∰ CAN H -12 CAN L -8 RTH TXD (DRIVER FAILURE DETECTOR PLUS WAKE UP PLUS TIME-OUT NERR FILTER RXD FILTER

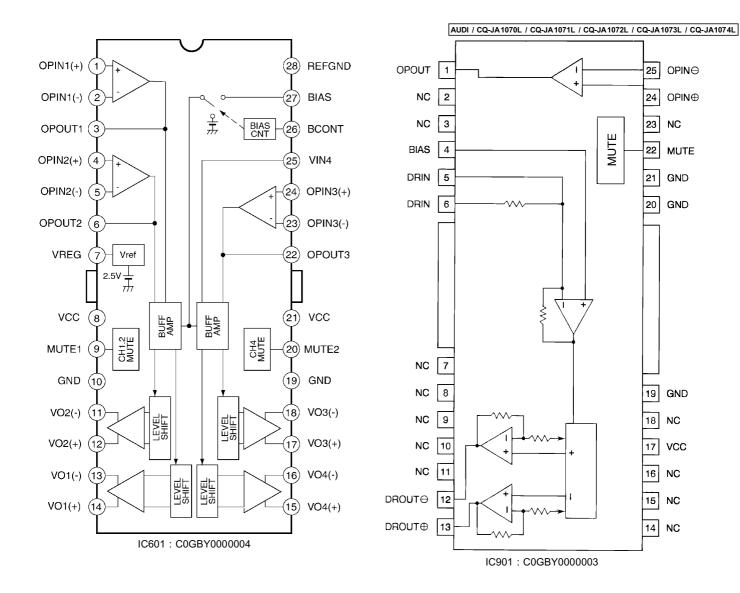
IC707: C1EB00000039



9.2. CD Servo Block

GND





10 REPLACEMENT PARTS LIST

Notes:

- 1. Be sure to make your orders of replacement parts according to this list.
- 2. Important safety notice: Components, identified by \triangle mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- 3. Location keys in the remarks column indicates the general location of the parts shown in the exploded drawing, as in a road map.
- 4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
- 5. "A", "B", "C", "D" or "E" marks in remarks column are indicated as follows:

• A: CQ-JA1070L • B: CQ-JA1071L • C: CQ-JA1072L • D: CQ-JA1073L

• E : CQ-JA1074L

	ı	Т .	
Ref. No.	Part No.	Part Name & Description	Remarks
[E6831]	Main/Amp Block	τ	
IC's and	d TRANSISTORs		
IC101	AN6564NST1	IC	
IC102	C0ABCB000032	IC	
IC202	C0ABCB000032	IC	
IC203	YEAMPC4570T1	IC	
IC204	C0ABCB000032	IC	
IC205	YEAMPC4570T1	IC	
IC281	C1BA00000311	IC	
IC382	YEAMPC4570T1	IC	
IC401	C0ABBA000022	IC	
IC701	C2CBKA000001	IC	
IC702	C2HBZY000010	IC	
IC703	C1BB00000408	IC	
IC704	MN1382QP	IC	
IC705	C3EBEC000004	IC	
IC706	YEAM2951MT	IC	
IC707	C1EB00000039	IC	
IC708	YEAMC14584BE	IC	
IC709	YEAM74HC126F	IC	
IC711	C3BBGC000005	IC	
IC712	C3BBGC000005	IC	
IC713	C0EBM0000005	IC	
IC715	MN1382JP	IC	
IC717	CODBEMF00001	IC	
IC718	COCBABA00006	IC	
IC719	C0JBAC000111	IC	
IC720	C0JBAC000111	IC	
IC881	C1EB00000054	IC	
IC882	CODBZHZ00007	IC	
IC883	CODBAHE00007	IC	
IC884	AN7710	IC	
IC885	CODAAHF00004	IC	
IC887	AN7805F	IC	
PA101	J3CCAC000001	Electronic Tuner	
Q109	2SB10730LL	Transistor	

Ref.	Part No.	Part Name & Description	Remarks
No.	VEANED1E2DE1	Transistor	-
Q110	YEANFP1F3PT1		+
Q112 Q201	B1GBCFNN0004 B1GBHBEA0004	Transistor Transistor	_
Q202	B1GBHBEA0004	Transistor	+
Q301	B1GBHBEA0004	Transistor	
Q302	B1GBHBEA0004	Transistor	+
Q401	B1BBAC00007	Transistor	1
Q403	B1ABBD00004	Transistor	1
Q404	B1BBDG00005	Transistor	
Q405	2SD13280VL	Transistor	
Q406	B1GBCFJN0004	Transistor	
Q407	YEANC114YKX	Transistor	
Q701	B1ABCF000042	Transistor	
Q702	B1GDCFJJ0008	Transistor	
Q705	B1GDCFNN0002	Transistor	
Q706	YEANC3661TB	Transistor	
Q708	YEAN2SK536TB	Transistor	
Q881	B1GBNCEJ0001	Transistor	
Q882	B1GBCFJJ0004	Transistor	
Q883	B1BBDG00005	Transistor	
Q884	2SD13280VL	Transistor	\perp
Q885	2SD13280VL	Transistor	
Q886	B1GBCFJN0004	Transistor	1
Q887	2SB1193	Transistor	
Q888	B1GBCFJN0004	Transistor	+
Q889	2SB14460HA	Transistor	
Q890	YEANHQ1F3PT1	Transistor	+
Q892	B1BBDG000005	Transistor	
Q893	YEANHQ1F3PT1	Transistor	
Q894	B1GBCFJJ0002 2SB1073TX	Transistor Transistor	_
Q895 Q896	2SB1073TX	Transistor	+
Q830	Z3B10731X	TIANSISCOI	+
DIODEs			
D101	MA3X153A0R	Diode	
D102	YEADRD43M2T2	Diode	_
D103	MA3X153A0R	Diode	
D109	B0ACCK000005	Diode	
D110	B0ACCK000005	Diode	
D201	MAZ80680ML	Diode	
D202	YEADRB051L40	Diode	
D203	MAZ816000L	Diode	
D204	MAZ816000L	Diode	
D303	MAZ816000L	Diode	
D304	MAZ816000L	Diode	
D401	MAZ80510ML	Diode	
D402	MAZ80510ML	Diode	
D403	B0ACCK000005	Diode	1
D404	B0ACCK000005	Diode	
D405	MA2J72900L	Diode	
D406	B0ACCK000005	Diode	
D409	MAZ33600ML	Diode	
D410	MAZ33600ML	Diode	+
D709	YEADEC10DS1	Diode	+
D710	MA2J72900L B0ACCK000005	Diode	+
D711	+	Diode	_
D712 D723	B0ACCK000005 B0ACCK000005	Diode Diode	+
D724	BOACCK000005	Diode	+
D725	BOACCK000005	Diode	+
D726	B0BC5R600014	Diode	+
D727	BOACCK000005	Diode	+
D731	BOACCK000005	Diode	+
D733	BOACCK000005	Diode	+
D741	BOACCK000005	Diode	†
D881	YEADDSM3MA2T	Diode	+
D884	MAZ80620HL	Diode	†
D885	BOACCK000005	Diode	1
D886	BOACCK000005	Diode	1
D887	B0ACCK000005	Diode	1
D888	B0ACCK000005	Diode	1
D891	B0ACCK000005	Diode	1

Ref.	Part No.	Part Name & Description	Remarks
No.			
D892	MAZ816000L	Diode	
D893	MAZ816000L	Diode	
D894	MAZ805600L	Diode	
D895	MAZ805600L	Diode	
D896 D897	MAZ805600L MAZ805600L	Diode Diode	
7697	MAZ803600L	Diode	
CAPACITO	DRs		-1
C101	ECEA1AKS221I	Electrolytic, 220µF 10WV	
C102	F1J1H103A509	Ceramic, 0.01µF 50WV	
C103	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C104	F1J1H103A509	Ceramic, 0.01µF 50WV	
C105	ECEA1AKS221I	Electrolytic, 220µF 10WV	
C112	F1J1H102A034	Ceramic, 1000PF 50WV	
C113	F1J1H102A034	Ceramic, 1000PF 50WV	
C114	F1J1H103A509	Ceramic, 0.01µF 50WV	
C115	F1J1H103A509	Ceramic, 0.01µF 50WV	
C116 C122	F1J1H103A509 F1H1H151A231	Ceramic, 0.01µF 50WV	
C122	F1H1H151A231 F1H1H151A231	Ceramic, 150PF 50WV Ceramic, 150PF 50WV	
C124	F1H1H151A231	Ceramic, 150PF 50WV	
C125	F1H1H151A231	Ceramic, 150PF 50WV	
C126	YECUZ1H122KX	Ceramic, 1200PF 50WV	
C127	F1H1H152A201	Ceramic, 1500PF 50WV	
C128	YECUS1H103KX	Ceramic, 0.01µF 50WV	
C129	YECUZ1H220JC	Ceramic, 22PF 50WV	
C130	F1H1H102A190	Ceramic, 1000PF 50WV	
C131	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C132	F1H1H102A190	Ceramic, 1000PF 50WV	
C133	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C134	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C175	YECUS1E223KX F1J1H103A509	Ceramic, 0.022µF 25WV Ceramic, 0.01µF 50WV	
C178	ECEA1CKS101	Electrolytic, 100µF 16WV	
C201	F1J1H103A509	Ceramic, 0.01µF 50WV	
C204	YECUS1H272KX	Ceramic, 2700PF 50WV	
C205	YECUS1H222KX	Ceramic, 2200PF 50WV	
C206	YECUZ1H271JC	Ceramic, 270PF 50WV	
C207	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C208	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C209	ECEA1CKS101	Electrolytic, 100µF 16WV	
C214	YECUS1H272KX	Ceramic, 2700PF 50WV	
C215	YECUS1H222KX	Ceramic, 2200PF 50WV	
C216	YECUZ1H271JC	Ceramic, 270PF 50WV	
C217 C218	ECEA1HKS2R2I ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV Electrolytic, 2.2µF 50WV	
C226	YECUS1A105KX	Ceramic, 1µF 10WV	
C230	YECUS1H272KX	Ceramic, 2700PF 50WV	
C231	YECUS1H222KX	Ceramic, 2200PF 50WV	
C232	YECUS1A105KX	Ceramic, 1µF 10WV	
C233	YECUS1A105KX	Ceramic, 1µF 10WV	
C234	YECUZ1H271JC	Ceramic, 270PF 50WV	
C235	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C236	YECUS1A105KX	Ceramic, 1µF 10WV	
C237	F1H1H101A231	Ceramic, 100PF 50WV	
C238 C239	ECEA1CKS100I ECEA1CKS100I	Electrolytic, 10µF 16WV Electrolytic, 10µF 16WV	
C239	F1H1H101A231	Ceramic, 100PF 50WV	
C241	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C243	ECEA1CKS1001	Electrolytic, 10µF 16WV	
C245	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C246	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C247	ECEA1CKS101	Electrolytic, 100µF 16WV	
C248	ECEA1CKS101	Electrolytic, 100µF 16WV	
C249	ECEA1CKS101	Electrolytic, 100µF 16WV	
C250	ECEA1CKS101	Electrolytic, 100µF 16WV	
C251	ECEA1CKS101	Electrolytic, 100µF 16WV	
C304	F1H1H272A190	Ceramic, 2700PF 50WV	
C305	F1H1H222A190 YECUS1H271JM	Ceramic, 2200PF 50WV	
C306	ECEA1HKS2R2I	Ceramic, 270PF 50WV Electrolytic, 2.2µF 50WV	
C308	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
L		1	

	AUDI / CQ-JA	1070L / CQ-JA1071L / CQ-JA1072L / CQ-JA	10/3L / CQ-
Ref.	Part No.	Part Name & Description	Remarks
C314	F1H1H272A190	Ceramic, 2700PF 50WV	
C311	F1H1H222A190	Ceramic, 2200PF 50WV	
C316	YECUS1H271JM	Ceramic, 270PF 50WV	
C317	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C317		<u> </u>	
	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C319	YECUS1A105KX	Ceramic, 1µF 10WV	
C326	YECUS1A105KX	Ceramic, 1µF 10WV	
C327	YECUS1A105KX	Ceramic, 1µF 10WV	
C330	F1H1H272A190	Ceramic, 2700PF 50WV	
C331	F1H1H222A190	Ceramic, 2200PF 50WV	
C332	YECUS1A105KX	Ceramic, 1µF 10WV	
C333	YECUS1A105KX	Ceramic, 1µF 10WV	
C334	YECUS1H271JM	Ceramic, 270PF 50WV	
C335	ECEA1HKS2R2I	Electrolytic, 2.2µF 50WV	
C337	F1H1H101A231	Ceramic, 100PF 50WV	
C338	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C339	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C341	F1H1H101A231	Ceramic, 100PF 50WV	
C342	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C343	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C345	F1H1H103A190	Ceramic, 0.01µF 50WV	
C346	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C380	ECA1CM102B	Electrolytic, 1000µF 16WV	
C381	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C382	ECA1CM102B	Electrolytic, 1000µF 16WV	
C388	YECUS1A105KX	Ceramic, 1µF 10WV	
C389	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C390	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C391	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C392	F1H1H101A231	Ceramic, 100PF 50WV	
C393	YECUS1A105KX	Ceramic, 1µF 10WV	
C394	F1H1A224A007	Ceramic, 0.22µF 10WV	
		_	
C395	F1H1A224A007	Ceramic, 0.22µF 10WV	
C396	F1H1H101A231	Ceramic, 100PF 50WV	
C397		Electrolytic, 47µF 16WV	
C398	F1H1H103A190	Ceramic, 0.01µF 50WV	
C399	YECUS1H101JM	Ceramic, 100PF 50WV	
C401	YECUS1H101JM	Ceramic, 100PF 50WV	
C402	YECUS1H101JM	Ceramic, 100PF 50WV	
C403	YECUS1H101JM	Ceramic, 100PF 50WV	
C404	YECUS1H101JM	Ceramic, 100PF 50WV	
C405	F1H1H103A190	Ceramic, 0.01µF 50WV	
C406	ECEA1CKS101	Electrolytic, 100µF 16WV	
C407	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C408	YECUS1H101JM	Ceramic, 100PF 50WV	
C409	F1J1H103A509	Ceramic, 0.01µF 50WV	
C410	YECUS1H820JM	Ceramic, 82PF 50WV	
C411	YECUS1H271JM	Ceramic, 270PF 50WV	
C412	F1J1H103A509	Ceramic, 0.01µF 50WV	
C413	F1J1H103A509	Ceramic, 0.01µF 50WV	
C414	F1J1H103A509	Ceramic, 0.01µF 50WV	
C415	F1J1H103A509	Ceramic, 0.01µF 50WV	
C416	ECEA1CKA101	Electrolytic, 100µF 16WV	
C417	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C418	F1H1H101A231	Ceramic, 100PF 50WV	
C419	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C420	ECEA1CKS101	Electrolytic, 100µF 16WV	
C701	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C702	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C703	F1H1H101A231	Ceramic, 100PF 50WV	
C704	F1H1H101A231	Ceramic, 100PF 50WV	
C705	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C706	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C707	YECUS1A105KX	Ceramic, 1µF 10WV	
C708	F1H1H101A231	Ceramic, 100PF 50WV	
C709	F1H1H101A231	Ceramic, 100PF 50WV	
C710	F1H1H101A231	Ceramic, 100FF 50WV	
C711	F1H1H101A231	Ceramic, 100FF 50WV	
C711	ECEA1CKA100I	Electrolytic, 10µF 16WV	
C712	YECUS1H221JM	Ceramic, 220PF 50WV	
C715	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C716	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C717	YECUS1A105KX	Ceramic, 1µF 10WV	

-U-UM 10/0L	/ CQ-JA1071L / CQ-J	A1072L / CQ-JA1073L / CQ-JA1074L	
Ref.	Part No.	Part Name & Description	Remarks
C718	YECUS1H221JM	Ceramic, 220PF 50WV	
C722		Electrolytic, 10µF 16WV	
C723	F1H1H103A190	Ceramic, 0.01µF 50WV	
C725	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C726	F1H0J1050010	Ceramic, 1µF 6.3WV	
C727	F1H1H102A190	Ceramic, 1000PF 50WV	
C728	F1H0J1050010	Ceramic, 1µF 6.3WV	
C729	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C730	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C731	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C732	ECEA1CKS470I	Electrolytic, 47µF 16WV	
C733	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C734	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C735	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C736	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C737	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C738	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C739	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C740	YECUS1H332KX	Ceramic, 3300PF 50WV	
C741	YECUS1H332KX	Ceramic, 3300PF 50WV	
C742	F1H1H103A190	Ceramic, 0.01µF 50WV	
C743	ECEA1AKS220I	Electrolytic, 22µF 10WV	
C744	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C745	YECUS1C224KX YECUS1C224KX	Ceramic, 0.22µF 16WV	
C746 C747	F1J1C224A006	Ceramic, 0.22µF 16WV Ceramic, 0.22µF 16WV	
C748	F1J1C224A006	Ceramic, 0.22µF 16WV	
C749	F1J1H103A509	Ceramic, 0.01µF 50WV	
C750	F1J1C224A006	Ceramic, 0.22µF 16WV	
C751	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C752	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C753	F1H1H102A190	Ceramic, 1000PF 50WV	
C754	F1H0J1050010	Ceramic, 1µF 6.3WV	
C755	F1H0J1050010	Ceramic, 1µF 6.3WV	
C756	ECEA0JKS470I	Electrolytic, 47µF 6.3WV	
C757	F1J1H120A034	Ceramic, 12PF 50WV	
C758	F1J1H120A034	Ceramic, 12PF 50WV	
C759	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C762	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C7 63	YECUS1A105KX	Ceramic, 1µF 10WV	
C764 C765	YECUZ1H331JC YECUZ1H331JC	Ceramic, 330PF 50WV Ceramic, 330PF 50WV	
C770	ECEA0JKA101I	Electrolytic, 100µF 6.3WV	
C771	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C772	EEAFC0J121H	Ceramic, 120µF 6.3WV	
C773	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C774	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C775	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C777	YECUS1H220JM	Ceramic, 22PF 50WV	
C778	F1J1H120A034	Ceramic, 12PF 50WV	
C779	YECUS1H100DM	Ceramic, 10PF 50WV	
C780	YECUS1H100DM	Ceramic, 10PF 50WV	
Lanci			
C781	F1H1H101A231	Ceramic, 1000F 50WV	
C782	F1H1H102A190	Ceramic, 1000PF 50WV	
C782 C783	F1H1H102A190 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784	F1H1H102A190 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV	
C782 C783 C784 C785	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX	Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 100PF 50WV	
C782 C783 C784 C785 C786 C787 C788	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM YECUS1C224KX	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 100PF 50WV Ceramic, 100PF 50WV Ceramic, 0.22µF 16WV	
C782 C783 C784 C785 C786 C787 C788 C789	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM YECUS1C224KX F1H1H102A190	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 1000PF 50WV Ceramic, 0.22µF 16WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C789 C790	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM YECUS1C224KX F1H1H102A190 YECUS1C334KX	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 1000PF 50WV Ceramic, 0.22µF 16WV Ceramic, 1000PF 50WV Ceramic, 0.33µF 16WV	
C782 C783 C784 C785 C786 C787 C788 C790 C791 C793 C794 C795	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM YECUS1C224KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 0.22µF 16WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 1µF 6.3WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C793 C794 C795	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1H101JM YECUS1C224KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV Ceramic, 0.1µF 16WV Ceramic, 1000PF 50WV Ceramic, 1000PF 50WV Ceramic, 0.22µF 16WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C793 C794 C795 C796	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1C104KX YECUS1C104KX YECUS1C224KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1H1H102A190	Ceramic, 1000PF 50WV Ceramic, 100PF 50WV Ceramic, 100PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C790 C791 C793 C794 C795 C796 C797	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1C124KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034	Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C790 C791 C793 C794 C795 C796 C797 C798	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1C104KX YECUS1C224KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A190 YECUZ1E104ZF YECUZ1E104ZF	Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C789 C790 C791 C793 C794 C795 C796 C797 C798 C799 C800	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1C104KX YECUS1C24KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A190 YECUS1C314EX F1H1H102A190 YECUS1C3C3A	Ceramic, 1000PF 50WV Ceramic, 100PF 50WV Ceramic, 100PF 50WV Ceramic, 1000PF 50WV	
C782 C783 C784 C785 C786 C787 C788 C790 C791 C793 C794 C795 C796 C797 C798	F1H1H102A190 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 YECUS1C104KX YECUS1C104KX YECUS1C224KX F1H1H102A190 YECUS1C334KX F1H0J1050010 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A034 F1J1H102A190 YECUZ1E104ZF YECUZ1E104ZF	Ceramic, 1000PF 50WV	

Ref. No.	Part No.	Part Name & Description	Remarks
C806	F1J1H103A509	Ceramic, 0.01µF 50WV	
C808	YECUS1A105KX	Ceramic, 1µF 10WV	
C843	YECUV1H221JM	Ceramic, 220PF 50WV	
C844	YECUV1H221JM	Ceramic, 220PF 50WV	
C847	YECUV1H221JM	Ceramic, 220PF 50WV	
C848	YECUV1H221JM	Ceramic, 220PF 50WV	
C849	YECUV1H221JM	Ceramic, 220PF 50WV	
C850	YECUV1H221JM	Ceramic, 220PF 50WV	
C851	YECUV1H221JM	Ceramic, 220PF 50WV	
C852 C853	F1K1H331A027 F1K1H331A027	Ceramic, 330PF 50WV Ceramic, 330PF 50WV	
	F1K1H331A027		
C854 C855	F1K1H331A027	Ceramic, 330PF 50WV Ceramic, 330PF 50WV	
C856	YECUV1H221JM	Ceramic, 220PF 50WV	
C857	YECUV1H221JM	Ceramic, 220PF 50WV	
C858	YECUV1H221JM	Ceramic, 220PF 50WV	
C859	F4D554730015	Electrolytic, 0.047F 5.5WV	
C860	YECUV1H221JM	Ceramic, 220PF 50WV	
C861	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C862	YECUV2A103KX	Ceramic, 0.01µF 100WV	
C863	YECUS1E223KX	Ceramic, 0.022µF 25WV	
C865	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C866	YECUZ1E223KX	Ceramic, 0.022µF 25WV	
C868	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C869	ECEA1CKA470I	Electrolytic, 47µF 16WV	1
C871	YECUS1C104KX	Ceramic, 0.1µF 16WV	1
C872	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C873	EEAFC1C560H	Electrolytic, 56µF 16WV	
C874	F1J1E333A002	Ceramic, 0.033µF 25WV	
C875	ECEA1CKS101	Electrolytic, 100µF 16WV	
C876	YECUV1H221JM	Ceramic, 220PF 50WV	
C877	YECUV1H221JM	Ceramic, 220PF 50WV	
C878	F1J1H102A034	Ceramic, 1000PF 50WV	
C879	F1J1H102A034	Ceramic, 1000PF 50WV	
C880	F1J1H102A034	Ceramic, 1000PF 50WV	
C881	F1J1H103A509	Ceramic, 0.01µF 50WV	
C882	ECEA0JKS331I	Electrolytic, 330µF 6.3WV	
C883	YECUS1A105KX	Ceramic, 1µF 10WV	
C885	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	
C886	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C887	YECUS1C104KX	Ceramic, 0.1µF 16WV	
C888	EEAFC1C560H	Electrolytic, 56µF 16WV	
C889	ECEA1AKS221I	Electrolytic, 220µF 10WV	
C890	EEAFC0J121H	Electrolytic, 120µF 6.3WV	
C891	F4D554730015	Electrolytic, 0.047F 5.5WV	
C892	F4D554730015	Electrolytic, 0.047F 5.5WV	
C893	ECA1CM102B	Electrolytic, 1000µF 16WV	
C894	YECUS1A105KX	Ceramic, 1µF 10WV	
C895	ECEA1CKS220I	Electrolytic, 22µF 16WV	
C896	ECEA1HKS3R3I	Electrolytic, 3.3µF 50WV	1
C897	ECEA1CKS100I	Electrolytic, 10µF 16WV	
C898	YECUZ1E104ZF	Ceramic, 0.1µF 25WV	1
C899	ECEA1CKS100I	Electrolytic, 10µF 16WV	1
	1		1
DEGTOS-	l Pa	l	1
RESISTO	1	Chin 00 1/107	1
L722	ERJ6GEY0R00	Chip, 0Ω 1/10W	1
L791	ERJ6GEY0R00	Chip, 0Ω 1/10W	1
R101	ERJ6GEYJ102 ERJ6GEY0R00	Chip, 1kΩ 1/10W	1
R102	ERJ6GEY0R00	Chip, 0Ω 1/10W	+
R103 R104	ERJ6GEY0R00	Chip, 0Ω 1/10W Chip, 0Ω 1/10W	+
R104	ERJ6GEYJ1R0	Chip, 1.0Ω 1/10W	1
R107	ERJ6GEYJ1R0	Chip, 1.0Ω 1/10W	
R114	ERJ6GEY0R00	Chip, 0Ω 1/10W	1
R118	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R119	ERJ6GEYJ103	Chip, 10kΩ 1/10W	1
R120	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	1
R121	ERJ3GEYJ332V	Chip, 3.3kΩ 1/16W	
R122	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	1
R123	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R124	ERJ3GEYJ393V	Chip, 39kΩ 1/16W	1
R125	ERJ3GEYJ393V	Chip, 39kΩ 1/16W	1

Ref.	Part No.	Part Name & Description	Remarks
No.		0 1 1010 1 115	
R126 R127	ERJ3GEYJ123V ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R128	ERJ3GEYJ471V	Chip, $12k\Omega$ 1/16W Chip, 470Ω 1/16W	
R129	ERJ3GEYJ561V	Chip, 560 Ω 1/16W	
R130	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R131	ERJ3GEYJ682V	Chip, 6.8k Ω 1/16W	
R132	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R133	ERJ3GEYJ224V	Chip, 220kΩ 1/16W	1
R134	ERJ6GEY0R00	Chip, 0Ω 1/10W	1
R135 R136	ERJ6GEYJ103 ERJ3GEYJ102V	Chip, 10k Ω 1/10W Chip, 1k Ω 1/16W	
R137	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R138	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R193	ERJ14YJ102H	Chip, 1kΩ 1/4W	
R194	ERJ6GEYJ473	Chip, 47k Ω 1/10W	
R202	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R203	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R204	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R205 R206	ERJ3GEYJ822V ERJ6GEYJ472	Chip, 8.2kΩ 1/16W Chip, 4.7kΩ 1/10W	
R207	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R208	ERJ6GEYJ473	Chip, 47kΩ 1/10W	1
R209	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R210	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R212	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R213	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R214	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R215 R216	ERJ3GEYJ822V	Chip, 8.2kΩ 1/16W Chip, 4.7kΩ 1/10W	
R232	ERJ6GEYJ472 ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R233	ERJ3GEYJ822V	Chip, 8.2kΩ 1/16W	
R235	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R236	ERJ6GEYJ562	Chip, 5.6kΩ 1/10W	
R237	ERJ6GEYJ4R7	Chip, 4.7Ω 1/10W	
R238	ERJ6GEYJ182	Chip, 1.8kΩ 1/10W	
R239	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R240 R241	ERJ3GEYJ222V ERJ3GEYJ222V	Chip, 2.2kΩ 1/16W Chip, 2.2kΩ 1/16W	
R242	ERJ3GEYJ182V	Chip, 1.8kΩ 1/16W	
R243	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R244	ERJ3GEYJ4R7V	Chip, 4.7 Ω 1/16W	
R245	ERJ3GEYJ823V	Chip, 82k Ω 1/16W	
R246	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R247	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R248	ERJ6GEYJ183	Chip, 18kΩ 1/10W	
R249 R250	ERJ3GEY0R00V ERJ6GEYJ103	Chip, 0Ω 1/16W Chip, 10kΩ 1/10W	
R251	ERJ6GEYJ123	Chip, 12kΩ 1/10W	
R283	ERJ8GEYJ392V	Chip, 3.9kΩ 1/8W	
R284	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R302	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R303	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	-
R304	ERJ6GEYJ103	Chip, 10kΩ 1/10W	1
R305 R306	ERJ6GEYJ822 ERJ6GEYJ472	Chip, 8.2kΩ 1/10W Chip, 4.7kΩ 1/10W	1
R307	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R308	ERJ6GEYJ473	Chip, 47kΩ 1/10W	†
R309	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R310	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R312	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R313	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	
R314	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R315 R316	ERJ6GEYJ822 ERJ6GEYJ472	Chip, 8.2kΩ 1/10W Chip, 4.7kΩ 1/10W	1
R332	ERJ6GEYJ172 ERJ6GEYJ103	Chip, 4.7kΩ 1/10W Chip, 10kΩ 1/10W	1
R333	ERJ6GEYJ822	Chip, 8.2kΩ 1/10W	
R335	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	1
R336	ERJ3GEYJ562V	Chip, 5.6kΩ 1/16W	
R337	ERJ6GEYJ222	Chip, 2.2kΩ 1/10W	
R338	ERJ3GEYJ182V	Chip, 1.8kΩ 1/16W	1
R339	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R340	ERJ3GEYJ4R7V	Chip, 4.7 Ω 1/16W	1
R341	ERJ3GEYJ4R7V	Chip, 4.7 Ω 1/16W	1

Ref. Part No. Part Name & Description No.	Remarks
R342 ERJ3GEYJ182V Chip, 1.8kΩ 1/16W	
R343 ERJ6GEYJ122 Chip, 1.2kΩ 1/10W	
R344 ERJ3GEYJ222V Chip, 2.2kΩ 1/16W	
R345 ERJ3GEYJ823V Chip, 82kΩ 1/16W	
R346 ERJ6GEYJ823 Chip, 82kΩ 1/10W	
R347 ERJ3GEY0R00V Chip, 0Ω 1/16W	
R379 ERJ6GEYJ823 Chip, 82kΩ 1/10W	
R381 ERJ6GEYJ684 Chip, 680kΩ 1/10W	
R382 ERJ6GEYJ474 Chip, 470kΩ 1/10W	
R383 ERJ8GEYJ392V Chip, 3.9k Ω 1/8W	
R384 ERJ6GEYJ473 Chip, 47kΩ 1/10W	
R389 ERJ3GEYJ332V Chip, 3.3kΩ 1/16W	
R390 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R391 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R392 ERJ3GEYJ561V Chip, 560Ω 1/16W	
R393 ERJ3GEYJ332V Chip, 3.3kΩ 1/16W	
R397 ERJ6GEYJ103 Chip, 10kΩ 1/10W	
R398 ERJ6GEYJ102 Chip, 1kΩ 1/10W	
R399 ERJ6GEYJ103 Chip, 10kΩ 1/10W	
R401 ERJ6GEYJ683 Chip, 68kΩ 1/10W	
R402 ERJ6GEYJ392 Chip, 3.9kΩ 1/10W	
R403 ERJ6GEYJ392 Chip, 3.9kΩ 1/10W	
R404 ERJ6RED684V Metal Film, 680kΩ 1/10W	
R405 ERJ3GEYJ683V Chip, 68kΩ 1/16W	
R406 ERJ6RED754V Metal Film, 750kΩ 1/10W	
R407 ERJ3RED364V Metal Film, 360kΩ 1/16W	
R410 ERJ3RED334V Metal Film, 330kΩ 1/16W	
R411 ERJ12YJ102H Chip, 1kΩ 1/2W	
R414 ERJ12YJ561H Chip, 560Ω 1/2W	
R415 ERJ6GEYJ561 Chip, 560Ω 1/10W	
R416 ERJ6GEYJ223 Chip, 22kΩ 1/10W	
R417 ERJ6GEYJ183 Chip, 18kΩ 1/10W	
R418 ERJ6GEYJ183 Chip, 18kΩ 1/10W	
R419 ERJ6GEYJ681 Chip, 680Ω 1/10W	
R420 ERJ6GEYJ183 Chip, 18kΩ 1/10W	
R421 ERJ3GEYJ273V Chip, 27kΩ 1/16W	
R422 ERJ3GEYJ273V Chip, 27kΩ 1/16W	
R423 ERJ12YJ102H Chip, 1kΩ 1/2W	
R425 ERJ3GEYJ151V Chip, 150Ω 1/16W	
R426 ERJ12YJ2R7H Chip, 2.7Ω 1/2W	
R701 ERJ6GEYJ103 Chip, 10kΩ 1/10W	
R702 ERJ3GEYJ473V Chip, 47kΩ 1/16W R703 ERJ6GEYJ473 Chip, 47kΩ 1/10W	
R703 ERJ6GEYJ473 Chip, 47kΩ 1/10W R704 ERJ3GEYJ473V Chip, 47kΩ 1/16W	
 	
R712 ERJ3GEYJ473V Chip, 47kΩ 1/16W R717 ERJ6GEYJ473 Chip, 47kΩ 1/10W	
R718 ERJ6GEYJ222 Chip, 2.2kΩ 1/10W	
R719 ERJ6GEYJ222 Chip, 2.2kΩ 1/10W	
R720 ERJ3GEYJ103V Chip, 10kΩ 1/16W	+
R721 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R723 ERJ6GEYJ473 Chip, 47kΩ 1/10W	+
R724 ERJ6GEYJ473 Chip, 47kΩ 1/10W	
R725 ERJ6GEYJ473 Chip, 47kΩ 1/10W	1
R726 ERJ6GEYJ102 Chip, 1kΩ 1/10W	
R727 ERJ6GEYJ102 Chip, 1kΩ 1/10W	
R728 ERJ6GEYJ102 Chip, 1kΩ 1/10W	
R729 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R730 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R731 ERJ6GEYJ103 Chip, 10kΩ 1/10W	
R732 ERJ3GEYJ103V Chip, 10kΩ 1/16W	
R733 ERJ3GEYJ102V Chip, 1kΩ 1/16W	
R734 ERJ3GEYJ822V Chip, 8.2kΩ 1/16W	
R735 ERJ3GEYJ104V Chip, 100kΩ 1/16W	
R736 ERJ3GEYJ104V Chip, 100kΩ 1/16W	
R737 ERJ3GEYJ104V Chip, 100kΩ 1/16W	
R738 ERJ3GEYJ104V Chip, 100kΩ 1/16W	
R739 ERJ6GEYJ103 Chip, 10kΩ 1/10W	
R740 ERJ3GEYJ102V Chip, 1kΩ 1/16W	
R741 ERJ3GEYJ102V Chip, 1kΩ 1/16W	
Ing. 10 10 reasure 10 10 10 10 10 10 10 10	
R742 ERJ6GEYJ473 Chip, 47kΩ 1/10W	
R744 ERJ6GEYJ1R0 Chip, 1.0Ω 1/10W	
 	

Q-JA1070L	/ CQ-JA1071L / CQ-J	A1072L / CQ-JA1073L / CQ-JA1074L	
Ref.	Part No.	Part Name & Description	Remarks
No.		m : 5 CMO 1/10**	
R747	ERJ6GEYJ565	Chip, 5.6MΩ 1/10W	
R748	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R749	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R750	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R751	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R752	ERJ6GEYJ104	Chip, 100kΩ 1/10W	<u> </u>
R753 R754	ERJ3GEYJ100V	Chip, 10Ω 1/16W	
	ERJ3GEYJ561V	Chip, 560Ω 1/16W	
R755 R756	ERJ3GEYJ561V ERJ3GEYJ823V	Chip, 560Ω 1/16W Chip, 82kΩ 1/16W	
R757	ERJ3GEYJ125V	Chip, 1.2MΩ 1/16W	
R758	ERJ3GEYJ125V	Chip, 1.2MΩ 1/16W	
R759	ERJ3GEYJ474V	Chip, 470kΩ 1/16W	
R760	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R763	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R764	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R765	ERJ6GEYJ472	Chip, 4.7kΩ 1/10W	
R766	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R767	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R768	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R769	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R770	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R771	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R772	ERJ6GEYJ223	Chip, 22kΩ 1/10W	
R773	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R774	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R776	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R777	ERJ6GEYJ104	Chip, 100k Ω 1/10W	
R778	ERJ6GEYJ473	Chip, 47k Ω 1/10W	
R779	ERJ3GEYJ473V	Chip, 47k Ω 1/16W	
R782	ERJ3GEYJ123V	Chip, 12k Ω 1/16W	
R783	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R784	ERJ6GEYJ102	Chip, 1k Ω 1/10W	
R785	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R786	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R787	ERJ6GEYJ682	Chip, 6.8kΩ 1/10W	
R788	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R789	ERJ6GEYJ105	Chip, 1M Ω 1/10W	-
R790	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R791	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R800	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R812	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R814 R815	ERJ12YJ330H	Chip, 33Ω 1/2W Chip, 33Ω 1/2W	
	ERJ12YJ330H		
R816 R817	ERJ12YJ120H ERJ12YJ120H	Chip, 12Ω 1/2W Chip, 12Ω 1/2W	
R820	ERJ3GEY0R00V	Chip, 0Ω 1/16W	<u> </u>
R821	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R826	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R827	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R829	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R830	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R833	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R835	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R836	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R838	ERJ6GEY0R00	Chip, 0 Ω 1/10W	
R848	ERJ12YJ1R8U	Chip, 1.8Ω 1/2W	
R849	ERX1SJ2R7E	Metal Film, 2.7Ω 1W	
R850	ERG1SJ820E	Metal Oxid, 82 Ω 1W	
R851	ERJ8GEYJ4R7V	Chip, 4.7Ω 1/8W	
R852	ERJ8GEYJ4R7V	Chip, 4.7Ω 1/8W	
R853	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R854	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R855	ERJ14YJ4R7H	Chip, 4.7Ω 1/4W	-
R856	ERJ6GEYJ151	Chip, 150 Ω 1/10W	
R857	ERJ14YJ102H	Chip, 1kΩ 1/4W	
R858	ERJ14YJ4R7H	Chip, 4.7Ω 1/4W	1
R859	ERJ6GEYJ151	Chip, 150Ω 1/10W	-
R860	ERJ14YJ102H	Chip, 1kΩ 1/4W	
R861	ERJ6GEYJ1R0	Chip, 1.0Ω 1/10W	-
R862	ERJ6GEYJ1R0	Chip, 1.0Ω 1/16W	
R863 R864	ERJ3GEYJ103V ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
TV003	7V0.2GEI0I03A	Chip, 10k Ω 1/16W	

No.	Part No.	Part Name & Description	Remark
R865	ERJ6GEYJ103	Chip, 10kΩ 1/10W	<u> </u>
R869	ERJ8GEYJ4R7V	Chip, 4.7Ω 1/8W	
R870	ERJ8GEYJ4R7V	Chip, 4.7Ω 1/8W	
R871	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R872	ERJ6GEYJ181	Chip, 180Ω 1/10W	
R873	ERJ3GEYJ181V	Chip, 180Ω 1/16W	
R874	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
R875	ERJ6GEYJ103 ERJ6GEYJ103	Chip, 10kΩ 1/10W Chip, 10kΩ 1/10W	
R877 R878	ERJ6GEYJ123	Chip, 10kΩ 1/10W Chip, 12kΩ 1/10W	
R880	ERG1SJ820E	Metal Oxid, 82Ω 1W	
R881	ERJ12YJ180H	Chip, 18Ω 1/2W	
R882	ERJ12YJ180H	Chip, 18Ω 1/2W	
R883	ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R884	ERJ14YJ1R8U	Chip, 1.8Ω 1/4W	
R885	ERJ3EKF1002V	Carbon, 10kΩ 1/16W	
R886	ERJ6GEYJ332	Chip, 3.3kΩ 1/10W	
R887	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R888	ERJ6GEYJ102	Chip, 1kΩ 1/10W	
R892	ERJ3EKF2702V	Carbon, 27k Ω 1/16W	
R893	ERJ6GEYJ122	Chip, 1.2kΩ 1/10W	
R895	ERJ8GEYJ102V	Chip, 1k Ω 1/8W	
R898	ERJ8GEYJ102V	Chip, 1kΩ 1/8W	
R899	ERJ8GEYJ102V	Chip, 1k Ω 1/8W	
R953	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R960	ERJ6GEY0R00	Chip, 0Ω 1/10W	
R966	ERJ3GEY0R00V	Chip, 0 Ω 1/16W	
R967	ERJ3GEY0R00V	Chip, 0 Ω 1/16W	
R969	ERJ6GEY0R00	Chip, 0 Ω 1/10W	
R970	ERJ6GEY0R00	Chip, 0 Ω 1/10W	
R973	ERJ6GEY0R00	Chip, 0 Ω 1/10W	
R974	ERJ6GEY0R00	Chip, 0Ω 1/10W	
CONNECT	ORs		
CN701	K1KA18B00029	Connector, 18P	
CN702	K1KA18B00029	Connector, 18P	
CN705	K1MR16A00013	Connector, 16P	
CN706	K1MR16A00013	Connector, 16P	
CN706 CN710	K1MR16A00013 K1MN14B00033	Connector, 16P Connector, 14P	
CN710			
	K1MN14B00033	Connector, 14P	
CN710 CN881	K1MN14B00033 K1FA446A0001	Connector, 14P	
CN710 CN881 CP701	K1MN14B00033 K1FA446A0001 K1MQ18A00002	Connector, 14P Connector Connector, 18P	
CN710 CN881 CP701 CP702	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002	Connector, 14P Connector Connector, 18P Connector, 18P	
CN710 CN881 CP701 CP702 CP703	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P	
CN710 CN881 CP701 CP702 CP703 CP704	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P	
CN710 CN881 CP701 CP702 CP703 CP704	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L101 L401 L401 L402 L403 L404 L405 L406 L701 L702	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000012 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000012 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000012 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000012 J0JCC0000030 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L405 L406 L701 L702 L703 L704 L705 L706	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L405 L406 L701 L702 L703 L704 L705 L706 L707	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L707	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L707 L708 L709	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 J0JCC0000030	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L707 L708 L709 L710	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC00000012 J0JCC0000030 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L707 L708 L709 L710 L711	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000030 J0JCC0000012 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L707 L708 L709 L710 L711 L712	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000030 J0JCC0000012 J0JCC0000012 J0JCC0000012 J0JCC0000012 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L401 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L706 L707 L708 L709 L710 L711 L712 L713	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC00000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L701 L702 L701 L702 L701 L702 L703 L704 L705 L706 L707 L708 L709 L710 L711 L712 L713 L721	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	
CN710 CN881 CP701 CP702 CP703 CP704 COILs L102 L111 L401 L402 L403 L404 L405 L406 L701 L702 L703 L704 L705 L706 L706 L710 L707 L710 L711 L711 L711	K1MN14B00033 K1FA446A0001 K1MQ18A00002 K1MQ18A00002 K1MQ18A00002 K1KA18B00029 K1KA10B00162 G1C102M00003 G1C5R6JA0005 ELEAR102KA YELT03N4R7JT J0JCC0000012 G0B102K00003 YELT45N4R7KT YELT03NR15JT J0JCC00000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000030 J0JCC0000012	Connector, 14P Connector Connector, 18P Connector, 18P Connector, 18P Connector, 10P Coil Coil Coil Coil Coil Coil Coil Coi	

Ref.	Part No.	Part Name & Description	Remarks
No.		-	Remarks
L 729	J0JCC0000030	Coil	
L 730	J0JCC0000012	Coil	
L 732	J0JCC0000012	Coil	
L 733	J0JCC0000012	Coil	
L881	G0A111J00001	Coil	
L882	J0JCC0000012	Coil	
L883	J0JCC0000030	Coil	
R879	J0JCC0000012	Coil	
CRYSTAL	<u> </u>		
XL700	H0D419400009	Crystal	
XL701	H0A327200019	Crystal	
XL702	H0D855400002	Crystal	
LAMP			1
Z101	YEAL02012T	Neon Lamp	
murry -	TOP.		
THERMIS	1	mh a mai a ta a n	
R890	D4DA61R80001	Thermistor	
	<u> </u>		
NETWORK	RESISTORS	<u> </u>	<u> </u>
CR503	EXBV8V102JV	Network Resistor	
CR504	EXBV8V102JV	Network Resistor	
CR505	EXBV8V102JV	Network Resistor	
CR506	EXBV8V102JV	Network Resistor	
CR509	EXBV8V102JV	Network Resistor	
CR510	EXBV8V102JV	Network Resistor	
CR511	EXBV8V102JV	Network Resistor	
CR512	EXBV8V102JV	Network Resistor	
FILTER			-
FILTER CS881	YECCL55S222T	Filter	
	YECCL55S222T	Filter	
	YECCL55S222T	Filter	
CS881		Filter	
CS881 [E8951]	Display Block	Filter	
[E8951] IC´s an	Display Block		
[E8951] IC's an	Display Block d TRANSISTORS YEANC114YKTX	Transistor	
[E8951] IC's an Q631 Q632	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX	Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1	Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1	Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX	Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T	Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX	Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T B1ABCF000044	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T B1ABCF000044	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T B1ABCF000044	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T B1ABCF000044	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T BLABCF000044 YEAN2SK536TB	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANFH32OT BLABCF000044 YEAN2SK536TB	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T B1ABCF000044 YEAN2SK536TB YEANLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANSFH320T BlaBCF000044 YEAN2SK536TB YEADLST676T YEADLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode Diode Diode Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANF114YKTX YEANFP1F3PT1 HEANC114YKTX YEANSFH32OT B1ABCF000044 YEAN2SK536TB YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505 D506 D507	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANSFH32OT BlaBCF000044 YEAN2SK536TB YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505 D506 D507 D508	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANFP1F3PT1 YEANC114YKTX YEANFP1F3PT1 YEANC114YKTX YEANSFH32OT BlaBCF000044 YEAN2SK536TB YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505 D506 D507 D508 D509	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANFP1F3PT1 YEANF1320T BlaBCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q633 Q633 Q634 Q635 Q639 Q640 Q651 D5001 D5002 D5003 D5004 D505 D506 D507 D508 D509 D510	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANFP1F3PT1 YEANFP1F3PT1 YEANSFH32OT BlaBCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 D5002 D503 D504 D505 D506 D507 D508 D509 D510	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANF1F3PT1 YEANF1F3PT1 BLABCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505 D506 D507 D508 D509 D510 D511 D512	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANF1F3PT1 YEANF1F3PT1 BLABCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODEs D501 D502 D503 D504 D505 D507 D508 D509 D510 D511 D512 D513	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANF1F3PT1 YEANF1F3PT1 STANC114YKTX YEANF1F3PT1 PENC114YKTX YEANSF320T BLABCF000044 YEAN2SK536TB VEADLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D509 D510 D511 D512 D513 D514	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1153PT1 YEANF1153PT1 YEANF1132OT BLABCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D509 D510 D511 D512 D513 D514 D516	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANF1F3PT1 YEANF1F3PT1 STANFH320T BlABCF000044 YEAN2SK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D509 D510 D511 D512 D513 D514 D516 D517	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF114YKTX YEANFP1F3PT1 YEANF11320T B1ABCF000044 YEANSF1320T B1ABCF000044 YEANLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D507 D508 D501 D511 D512 D511 D512 D513 D514 D516 D517 D524	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANFP1F3PT1 YEANF1320T BlaBCF000044 YEANSF320T BlaBCF000044 YEANLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC´s an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D509 D510 D511 D512 D513 D514 D516 D517 D524 D525	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANFP1F3PT1 YEANFP1F3PT1 YEANFP1F3PT1 PEANC114YKTX YEANFP1F3PT1 YEANC114YKTX YEANFP1320T BlaBCF000044 YEANSK536TB YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	
[E8951] IC's an Q631 Q632 Q633 Q634 Q635 Q639 Q640 Q651 DIODES D501 D502 D503 D504 D505 D506 D507 D508 D507 D508 D501 D511 D512 D511 D512 D513 D514 D516 D517 D524	Display Block d TRANSISTORS YEANC114YKTX YEANC114YKTX YEANF1F3PT1 YEANFP1F3PT1 YEANF1320T BlaBCF000044 YEANSF320T BlaBCF000044 YEANLST676T YEADLST676T	Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Transistor Diode	

	AUDI / CQ-JA	1070L / CQ-JA1071L / CQ-JA1072L / CQ-JA	11073L / CQ-
Ref. No.	Part No.	Part Name & Description	Remarks
D528	YEADLST676Q2	Diode	
D529	YEADLST676Q2	Diode	
D530	YEADLST676Q2	Diode	
D531	YEADLST676Q2	Diode	
D532	YEADLST676Q2	Diode	
D533	YEADLST676Q2	Diode	
D534	YEADLST676Q2	Diode	
D535	YEADLST676Q2	Diode	
D536	YEADLST676Q2	Diode	
D537	YEADLST676Q2	Diode	
D538	YEADLST676Q2	Diode	
D539	YEADLST676Q2	Diode	
D540	YEADLST676Q2	Diode	
D541	YEADLST676Q2	Diode	
D542	YEADLST676Q2	Diode	
D543	YEADLST676Q2	Diode	
D544	YEADLST676Q2	Diode	
D545	YEADLST676Q2	Diode	
D546	YEADLST676Q2	Diode	
D547		Diode	
D547 D548	YEADLST676Q2 YEADLST676Q2	Diode	+
			+
D549	BOACCKOOOOO5	Diode	+
D550	BOACCKOOOOO5	Diode	+
D551	BOACCK000005	Diode	+
D552	BOACCK000005	Diode	1
D553	YEADLST676Q2	Diode	+
D554	YEADLST676Q2	Diode	+
D555	YEADLST676Q2	Diode	
D556	YEADLST676Q2	Diode	
D557	YEADLST676T	Diode	
D558	YEADLST676T	Diode	
D559	YEADLST676T	Diode	
D560	YEADLST676T	Diode	
D561	YEADLST676T	Diode	
D562	YEADLST676T	Diode	
D565	BOACCK000005	Diode	
D566	B0ACCK000005	Diode	
D567	B0ACCK000005	Diode	
D568	B0ACCK000005	Diode	
D651	B0ACCK000005	Diode	
D652	MAZ805600L	Diode	
D702	B0ACCK000005	Diode	
D703	B0ACCK000005	Diode	
D704	B0ACCK000005	Diode	
D705	BOACCK000005	Diode	
D706	B0ACCK000005	Diode	
D707	B0ACCK000005	Diode	
			1
CAPACITO	ORs		•
C651	YECUS1C105ZF	Ceramic, 1µF 16WV	
C652	F1J1H103A509	Ceramic, 0.01µF 50WV	1
C658	YECUS1C224KX	Ceramic, 0.22µF 16WV	1
C659	YECUS1C224KX	Ceramic, 0.22µF 16WV	1
C660	YECUS1C224KX	Ceramic, 0.22µF 16WV	1
C661	YECUS1C224KX	Ceramic, 0.22µF 16WV	
C662	YECUS1C224KX	Ceramic, 0.22µF 16WV	+
C664	ECSH1CX335CR	Tantalum, 3.3µF 16WV	+
C666	ECSH1CX335CR ECSH1CX335CR	Tantalum, 3.3µF 16WV	+
			+
C668	YECUS1C334KX	Ceramic, 0.33µF 16WV	+
			+
DEGTORO	l Pa	I	1
RESISTO		Chin 6 0hO 1/0W	
R632	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	+
R633	ERJ8GEYJ392V	Chip, 3.9kΩ 1/8W	+
R634	ERJ8GEYJ472V	Chip, 4.7kΩ 1/8W	-
R635	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	1
R636	ERJ8GEYJ472V	Chip, 4.7kΩ 1/8W	1
R637	ERJ8GEYJ562V	Chip, 5.6kΩ 1/8W	1
R638	ERJ8GEYJ122V	Chip, 1.2k Ω 1/8W	1
R640	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	1
R641	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	1
R642	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	
		· · · · · · · · · · · · · · · · · · ·	

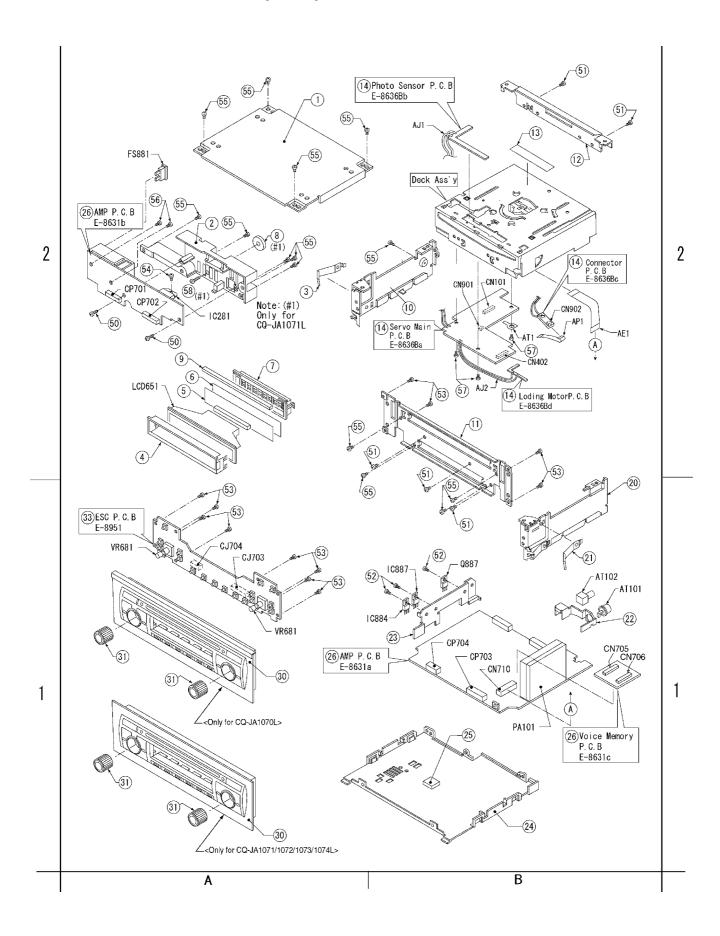
Q-JA1070L	. / CQ-JA1071L / CQ-	JA1072L / CQ-JA1073L / CQ-JA1074L	
Ref. No.	Part No.	Part Name & Description	Remarks
R643	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	
R644	ERJ8GEYJ821V	Chip, 820Ω 1/8W	
R645	ERJ8GEYJ821V	Chip, 820Ω 1/8W	
R646	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	
R647	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	
R648	ERJ8GEYJ821V	Chip, 820 Ω 1/8W	
R649	ERJ8GEYJ821V	Chip, 820Ω 1/8W	
R651	ERJ6GEYJ105	Chip, 1M Ω 1/10W	
R652	ERJ6GEYJ473	Chip, 47kΩ 1/10W	
R654	ERJ6GEYJ473	Chip, 47k Ω 1/10W	
R656	ERJ6GEYJ564	Chip, 560kΩ 1/10W	
R657	ERJ6GEYJ105	Chip, 1M Ω 1/10W	
R658	ERJ6GEYJ334	Chip, 330kΩ 1/10W	
R659	ERJ6GEYJ824	Chip, 820kΩ 1/10W	
R660	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	
R661	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	
R663	ERJ8GEYJ682V	Chip, 6.8k Ω 1/8W	
R664	ERJ8GEYJ392V	Chip, 3.9kΩ 1/8W	
R665	ERJ8GEYJ472V	Chip, 4.7k Ω 1/8W	
R666	ERJ8GEYJ682V	Chip, 6.8k Ω 1/8W	
R667	ERJ8GEYJ472V	Chip, 4.7kΩ 1/8W	
R668	ERJ8GEYJ562V	Chip, 5.6kΩ 1/8W	
R671- 680	ERJ8GEYJ821V	Chip, 820Ω 1/8W	
R681	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	
R682	ERJ8GEYJ682V	Chip, 6.8kΩ 1/8W	
R683	ERJ6GEYJ105	Chip, 1M Ω 1/10W	
R684	ERJ6GEYJ103	Chip, 10kΩ 1/10W	
R685	ERJ6GEYJ104	Chip, 100kΩ 1/10W	
CONNECT	ORs		
CJ703	K1KB16A00043	Connector, 18P	
CJ704	K1KB10A00057	Connector, 10P	
SWITCHE	s	1	
SW632	K0H1BA000412	Switch	
SW633	K0H1BA000412	Switch	
SW637	K0H1BA000412	Switch	1
SW638	K0H1BA000412	Switch	
SW639	K0H1BA000412	Switch	
SW640	K0H1BA000412	Switch	
SW643	K0H1BA000412	Switch	
SW644	K0H1BA000412	Switch	
SW645	K0H1BA000412	Switch	_
SW646	K0H1BA000412	Switch	+
SW652	K0H1BA000412	Switch	+
SW653	K0H1BA000412	Switch	+
SW655	K0H1BA000412	Switch	+
SW656	K0H1BA000412	Switch	+
SW657	K0H1BA000412	Switch	+
SW658	K0H1BA000412	Switch	+
SW659	K0H1BA000412	Switch	_
5W033	KUNIBAUUU412	Switch	
LCD			
LCD651	MGCAC00006A	LCD	
			-
COIL	1	1	
L651	J0JCC0000012	Coil	
WADT 2 D -	E DEGLESSON-		
	E RESISTORS	Wanishla wastatan	72.5.5
VR681	K9AA030B0001	Variable resistor	A,B,D,I
VR681	K9AA015B0021	Variable resistor	C
VR682	K9AA015B0024	Variable resistor	A,B,D,E
VR682	K9AA015B0021	Variablr resistor	C
	+		+
			+
			+
	1	1	

Ref.	Part No.	Part Name & Description	Remarks
No.	TOP		
THERMIS	D4CC21040005	Thermistor	
	210021040003		
[E8636B] CD Servo Blo	ck	
	d TRANSISTORs		
IC101	C1BB00000173	IC	
IC201	MN662748RPMF	IC	
IC401	MN101C117AF	IC	+
IC601 IC901	C0GBY0000004 C0GBY0000003	IC	
Q1	YEADPS1101W	Transistor	
Q3	YEADPS1101W	Transistor	
Q6	YEADPS1101W	Transistor	
Q101	2SB766ATX	Transistor	
Q451	YEANC113ZKTX	Transistor	
DIODEs	VIII D	ni-i-	
D1	YEADAN1102W	Diode	
D3 D6	YEADAN1102W YEADAN1102W	Diode Diode	
D201	YEAD1SS355T1	Diode	
D401	MA151WKTX	Diode	
D601	YEAD1SS355T1	Diode	
CAPACIT		1	
C101	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C102	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C103	F3H0J107A001 YECUZ1C104KX	Tantalum, 100µF 6.3WV Ceramic, 0.1µF 16WV	+
C105	ECSH0JY475CR	Tantalum, 4.7µF 6.3WV	
C106	F1H1E273A011	Ceramic, 0.027µF 50WV	
C107	F1H1H152A201	Ceramic, 0.0015µF 50WV	
C108	YECUZ1H472KX	Ceramic, 0.0047µF 50WV	
C109	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C110	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C111	YECSW1A106MA	Tantalum, 10µF 10WV	
C112 C113	YECUZ1C104KX YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C115	YECUZ1H102KX	Ceramic, 0.1µF 16WV Ceramic, 0.001µF 50WV	
C116	YECUZ1H102KX	Ceramic, 0.001µF 50WV	
C117	YECUS1A105KX	Ceramic, 1µF 10WV	1
C118	F1H1H681A201	Ceramic, 680PF 50WV	
C119	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C120	YECUZ1H561KX	Ceramic, 560PF 50WV	
C121	YECUZ1E123KX	Ceramic, 0.012µF 25WV	
C122	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C133	YECUZ1C104KX	Ceramic, 0.1µF 16WV	1
C145 C201	YECUZ1A124KX YECUZ1E123KX	Ceramic, 0.12µF 10WV Ceramic, 0.012µF 25WV	
C201	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C204	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C205	YECSW1A106MA	Tantalum, 10µF 10WV	
C206	F1H1A4740004	Ceramic, 0.47μF	
C208	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C209	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C210	YECSW1A106MA	Tantalum, 10µF 10WV	
C214	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C451 C453	F1H1A4740004 YECUZ1H103KX	Ceramic, 0.47µF Ceramic, 0.01µF 50WV	1
C401	YECUS1C334KX		
C601	ECEV1CA470SP	Ceramic, 0.33µF 16WV Electrolytic, 47µF 16WV	
C603	YECUZ1C104KX	Ceramic, 0.1µF 16WV	
C605	YECUS1A105KX	Ceramic, 1µF 10WV	
C606	YECUZ1H272KX	Ceramic, 0.0027µF 50WV	
C901	YECUS1C334KX	Ceramic, 0.33µF 16WV	
C903	YECUZ1C333KX	Ceramic, 0.033µF 16WV	
	-		
	<u> </u>	<u>l</u>	1

Ref.	Part No.	Part Name & Description	Remarks
No.	DRs		
J403	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
J423	ERJ3GEY0R00V	Chip, 0Ω 1/16W	
R101	ERJ3GEYJ101V	Chip, 100 Ω 1/16W	
R102	ERJ14YJ330H	Chip, 33Ω 1/4W	
R103	ERJ3GEYJ683V	Chip, 68k Ω 1/16W	
R104	ERJ3GEYJ683V	Chip, 68kΩ 1/16W	
R105	ERJ3GEYJ333V	Chip, 33k Ω 1/16W	
R106	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R107	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R108	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R109	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R110 R111	ERJ3GEYJ102V ERJ3GEYJ102V	Chip, 1kΩ 1/16W	
R112	ERJ3GEYJ393V	Chip, 1kΩ 1/16W Chip, 39kΩ 1/16W	
R113	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R114	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R119	ERJ3GEYJ184V	Chip, 180kΩ 1/16W	
R120	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R147	ERJ3GEYJ153V	Chip, 15kΩ 1/16W	
R207	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R208	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R209	ERJ3GEYJ391V	Chip, 390Ω 1/16W	
R210	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R211	ERJ3GEYJ124V	Chip, 120kΩ 1/16W	
R213	ERJ3GEYJ470V	Chip, 47Ω 1/16W	
R214	ERJ3GEYJ272V	Chip, 2.7kΩ 1/16W	
R215	ERJ3GEYJ473V	Chip, 47k Ω 1/16W	
R401	ERJ3GEYJ563V	Chip, 56k Ω 1/16W	
R402	ERJ3GEYJ563V	Chip, 56k Ω 1/16W	
R404	ERJ3GEYJ473V	Chip, 47kΩ 1/16W	
R411	ERJ3GEYJ334V	Chip, 330kΩ 1/16W	
R454	ERJ6GEYJ271	Chip, 270 Ω 1/10W	
R456	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R461	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R463	ERJ3GEYJ823V	Chip, 82kΩ 1/16W	
R466 R471	ERJ3GEYJ823V ERJ8GEYJ121V	Chip, 82kΩ 1/16W Chip, 120Ω 1/8W	
R473	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R476	ERJ8GEYJ121V	Chip, 120Ω 1/8W	
R477	ERJ8GEY0R00V	Chip, 0Ω 1/8W	
R481	ERJ3GEYJ104V	Chip, 100kΩ 1/16W	
R601	ERJ3GEYJ123V	Chip, 12kΩ 1/16W	
R602	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R603	ERJ3GEYJ273V	Chip, 27kΩ 1/16W	
R604	ERJ3GEYJ124V	Chip, $120k\Omega$ 1/16W	
R605	ERJ3GEYJ103V	Chip, 10k Ω 1/16W	
R606	ERJ3GEYJ822V	Chip, 8.8kΩ 1/16W	
R607	ERJ3GEYJ103V	Chip, 10k Ω 1/16W	
R608	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R609	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R610	ERJ3GEYJ472V	Chip, 4.7kΩ 1/16W	
R613	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	
R901	ERJ3GEYJ103V	Chip, 10kΩ 1/16W	
R902	ERJ3GEYJ333V	Chip, 33kΩ 1/16W	
R903	ERJ3GEYJ122V	Chip, 1.2kΩ 1/16W	
CONNECT	'OR a	I	
CN101	YEAESFW15R2E	Connector, 15P	
CN101	K1MN14B00028	Connector, 14P	
CN901	K1MN05B00010	Connector, 5P	
CN902	K1MN05B00009	Connector, 5P	
SWITCHE	ls	•	
SW2	ESE102MH2	Switch	
	YEAS09275	Switch	
SW4			
SW4			
SW4			
COIL			
	YELTBLM21A10	Coil	

	AUDI / CQ-J/	A1070L / CQ-JA1071L / CQ-JA1072L / CQ-J	A10/3L / CQ-
Ref. No.	Part No.	Part Name & Description	Remarks
anam. r		1	
CRYSTAL XL201	H2D169500005	Crystal	
XL451	YEXLSTCC419T	Crystal	+
VD42I	TEXESTCC4191	Clystal	+
Mechani	cal Parts		
MISCELL	ANEOUS		
FS881	K5Y103200001	Fuse, 10A	
AJ1	YEAJ071287	Cord w/Plug	
AJ2	YEAJ071285	Cord w/Plug	
AP1	YEAP2711	Flexible Printed Circuit	
AT1	YEATSD00405	Terminal	
AE1	MGCAE00005	Flat Wire	
ANT101	K1ZZ00001003	Antenna Receplacle	
ANT102	K1ZZ00001151	Antenna Receplacle	
AT701	YEFX0213797	Bracket, GND	
1	MGCFA00027B	Upper Cover	
2	MGCFF00002A	Heat Sink	A,C,D,E
2	MGCFF00004A	Heat Sink	В
3	YEFX0052186	Spring (L)	-
4	MGCFX00017	LCD Case	
5	MGCFV00002	Spread Plate (White)	
6	MGCFV00001	Spread Plate (Red)	+
8	MGCFL00001	LCD Holder Rubber Disc	В
9	MGCFE00002	Pad Pad	Р
10	MGCFZ00003A	Side Plate (L) Ass'y	
11	MGCFA00024A	Front Plate	+
12	MGCFX00005	Bracket, CD Deck	1
13	YEFM031083	Laser Seal	
14	MGCPFX0015	PCB w/Compnent	RTL
20	MGCFZ00002A	Side Plate (R) Ass y	
21	YEFX0052187	Spring (R)	
22	MGCFX00014	Bracket, ANT	
23	MGCFX00006	IC Heat Sink	
24	MGCFA00028A	Bottom Cover	
25	YEFS011772	Pad	
26	YEP0PT6831Z0	PCB w/Compnent	RTL, A,C,D,E
26	YEP0PT6831Y0	PCB w/Compnent	RTL, B
30	MGCFC00004	Escucheon Ass y	A
30	MGCFC00006	Escucheon Ass'y	В
30	MGCFC00011	Escucheon Ass'y	C
30	MGCFC00008A	Escucheon Ass'y	D
30 31	MGCFC00011 MGCFE00002	Escucheon Ass'y Knob Ass'y	E
31	MGCFE00002 MGCFE00003	Knob Ass y	A,D,E B
31	MGCFE00003	Knob Ass y	c
33	YEP0PT8851Z0	PCB w/Compnent	RTL, A,B,D,E
33	YEP0PT8851V0	PCB w/Compnent	RTL, C
50	YEJT03120	Tapping Screw, M3x8mm	
51	YEJT03131	Tapping Screw, M2.6x5mm	1
52	YEJS06017	Screw, M3x8mm	1
53	XTB2+8GFZ	Tapping Screw, M2x8mm	
54	XTB3+8JFX	Tapping Screw, M3x8mm	
55	XTB3+8FFX	Tapping Screw, M3x8mm	
	XYN26+C8FX	Screw, M2.6x8mm	
56	1		1
57	XYN2+J4FX	Screw, M2x4mm	
	XYN2+J4FX YESJS01158	Screw, M2x4mm Screw, M5x25mm	В

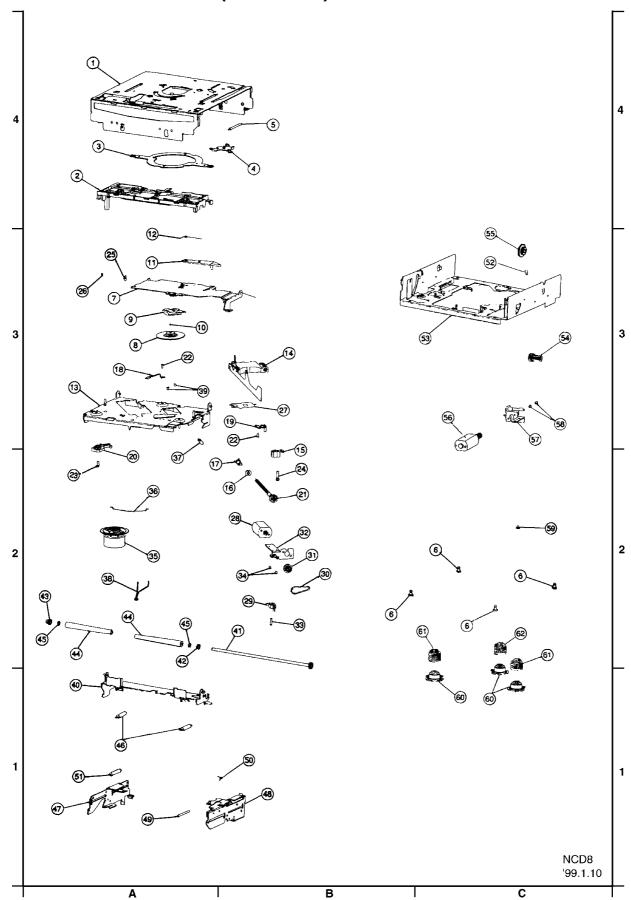
11 EXPLODED VIEW (Unit)



12 CD PLAYER PARTS

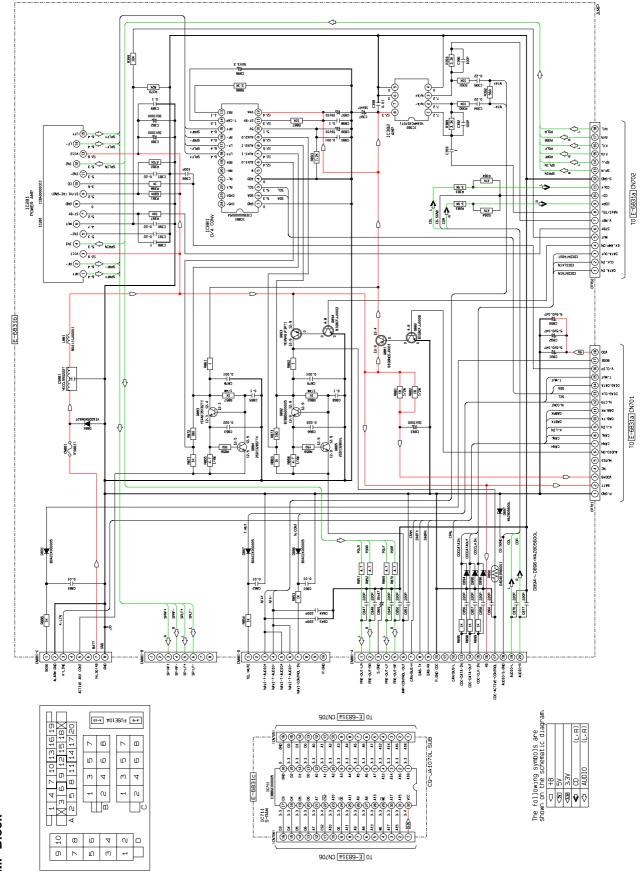
Part No. A011781 X236153 X0462017 X0462018 X0052357 T03131 X249461 X007640 X0052363 X099957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X99991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A X018611	Part Name & Description Upper Chassis Disk Guide Link Lever Detection Lever (2) Detection Lever (2) Spring Tapping Screw, 2.6 mm* 5mm Clampar Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Detection Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt Idler Pulley	(4-A) (4-A) (4-A) (4-B) (2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (2-B) (3-B)
X236153 X0462017 X0462018 X0052357 T03131 X249461 X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Disk Guide Link Lever Detection Lever (2) Detection Lever (2) Spring Tapping Screw, 2.6 mm* 5mm Clamp Arm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(4-A) (4-A) (4-B) (4-B) (2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B)
X0462017 X0462018 X0052357 T03131 X249461 X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Link Lever Detection Lever (2) Detection Lever (2) Spring Tapping Screw, 2.6 mm* 5mm Clamp Arm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(4-A) (4-B) (4-B) (4-B) (2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (3-B)
X0462018 X0052357 T03131 X249461 X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Detection Lever (2) Detection Lever (2) Spring Tapping Screw, 2.6 mm* 5mm Clamp Arm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(4-B) (4-B) (4-B) (2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (3-B)
X0052357 T03131 X249461 X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Detection Lever (2) Spring Tapping Screw, 2.6 mm* 5mm Clamparm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(4-B) (2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B)
X249461 X007640 X0052363 X999957 X0462013 X0052352 OFX3100 W04150 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Tapping Screw, 2.6 mm* 5mm Clamp Arm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-C) (2-B) (3-A) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B)
X249461 X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Clamp Arm Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-B) (3-A) (3-A) (3-A) (3-A) (3-A) (3-A) (2-B) (2-B) (2-B) (2-B) (3-A) (3-A) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (3-B) (3
X007640 X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Clamper Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (2-B) (3-A) (3-B) (2-A) (3-B) (2-A) (3-B) (3-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-A) (2-B) (3-A) (3-B) (2-B) (3-B)
X0052363 X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Clamper Spring Plate Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-A) (2-A) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3
X999957 X0462013 X0052352 A011795 OFX3100 W04150 W04157A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Ball Bearing Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-B) (2-A) (3-B) (2-B) (3-B) (2-B) (3-B) (3-B) (2-B) (3-B) (3-B) (3-B) (2-B) (3
X0462013 X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Detection Lever (1) Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-A) (3-B) (2-B) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-B) (2-A) (3-B) (2-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3
X0052352 A011795 OFX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A OFX3503 S23151A R03080 X026124A	Detection Lever (1) Spring Suspension Chassis Ass'y Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-B) (2-A) (2-B) (3-B) (2-A) (3-B) (2-A) (3-B) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (3-B) (3-B) (3-B)
A011795 0FX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Suspension Chassis Ass y Optical Pick-up Ass y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass y Inner Switch Rubber Belt	(3-A) (3-B) (2-B) (2-B) (2-B) (3-A) (3-B) (2-A) (3-B) (2-A) (3-B) (2-A) (3-B) (3-A) (3-B) (3-B) (2-B) (3-B) (2-B) (2-B)
0FX3100 W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Optical Pick-up Ass'y Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-B) (2-B) (2-B) (2-B) (3-A) (3-B) (2-A) (3-B) (2-A) (2-B) (3-A) (2-B) (3-A) (3-B) (2-B) (3-B) (3-B) (3-B) (3-B)
W04150 W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Feed Screw Housing A Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-B) (2-B) (2-B) (3-A) (3-B) (2-A) (3-B) (3-B) (2-A) (2-B) (3-A) (3-B) (3-B) (3-B) (2-B) (2-B) (2-B)
W04137A X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Feed Screw Housing B Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-B) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (2-A) (2-B) (3-A) (3-B) (3-B) (2-B) (2-B) (2-B) (2-B)
X0052386 X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Thrust Adjusting Spring Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-B) (2-A) (3-A) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B)
X236144B X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Traverse Guide Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-B) (2-A) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
X9992027 X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Feed Screw Carrier FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-B) (2-A) (2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
X9991458A T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	FPC Holder Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-A) (2-B) (3-A) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B) (2-B)
T03240 S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Traverse Gear Ass'y Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(2-B) (3-A) (3-B) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
S02037 2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Screw, (Pick-up) Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass´y Inner Switch Rubber Belt	(3-A) (3-B) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
2+C5FX 2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Screw, (FPC) 2mm * 5mm Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass´y Inner Switch Rubber Belt	(3-B) (2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass y Inner Switch Rubber Belt	(2-A) (2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
2+J10FX X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Screw, (Housing) 2mm * 10m Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass y Inner Switch Rubber Belt	(2-B) (3-A) (3-A) (3-B) (2-B) (2-B)
X0051590 15V X9991806A 0FX3503 S23151A R03080 X026124A	Spring Washer Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-A) (3-B) (2-B) (2-B) (2-B)
15V X9991806A 0FX3503 S23151A R03080 X026124A	Retaining Ring, 1.5mm Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-A) (3-B) (2-B) (2-B) (2-B)
X9991806A 0FX3503 S23151A R03080 X026124A	Sealed Plate Traverse Motor Ass'y Inner Switch Rubber Belt	(3-B) (2-B) (2-B) (2-B)
0FX3503 S23151A R03080 X026124A	Traverse Motor Ass´y Inner Switch Rubber Belt	(2-B) (2-B) (2-B)
S23151A R03080 X026124A	Inner Switch Rubber Belt	(2-B) (2-B)
R03080 X026124A	Rubber Belt	(2-B)
X026124A		
		(2-B)
	Motor Bracket Ass'y	(2-B)
S02018FZ	Screw, (SW)	(2-B)
2+A25FX	Screw, 2mm * 25mm	(2-B)
0FX3529	Spindle Motor Ass y	(2-A)
X0051991C	Spring (Motor)	(2-A)
X0052353	Clamper Spring	(2-A)
J071286	Motor Cable	(2-A)
17+A25FX	Screw, 1.7mm * 25mm	(3-A)
X0462019	Feeder Arm Ass'y	(1-A)
0FX3507	Roller Gear Ass'y	(2-B)
W04144	Roller Shaft Collar (1)	(2-A)
W04138	Roller Shaft Collar (2)	(2-A)
X218282	Rubber Roller	(2-A)
W04128	Washer	(2-A)
X0052362	Spring (Feeder Arm)	(1-A)
X0462015	Suspension Lock Plate (L)	(1-A)
0FX3504	Suspension Lock Plate (R) Ass'y	(1-B)
X0052355	Spring (Rack Gear)	(1-A)
X0052356	Spring (Rack Lock Lever)	(1-B)
X0052360	Spring (Suspension Lock Plate L)	
X0052361	Spring (Lock Plate)	(3-C)
A011779	-	(3-C)
	-	(3-C)
X003941		(3-C)
		(3-C)
0FX3506	Loding Motor Bracket Ass'y	(3-C)
X018605		(3-C)
X018605 2+A25FX	Screw, (Motor) 2mm * 25mm	
X018605 2+A25FX S06188	Screw, (Motor) 2mm * 25mm Screw	(2-C)
X018605 2+A25FX	Screw, (Motor) 2mm * 25mm	
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	W04144 W04138 X218282 W04128 X0052362 X0462015 OFX3504 X0052356 X0052356 X0052360 X0052361 A011779 X003940 X003941 OFX3506	W04144 Roller Shaft Collar (1) W04138 Roller Shaft Collar (2) W14138 Roller Shaft Collar (2) W14128 Rubber Roller W14128 Washer W14128 Spring (Feeder Arm) W14128 Suspension Lock Plate (L) W14128 Suspension Lock Plate (R) Ass y W14128 Spring (Rack Gear) W14128 Spring (Rack Lock Lever) W14128 Spring (Suspension Lock Plate L) W14128 Spring (Suspension Lock Plate L) W14128 Spring (Lock Plate) W14128 Spring (Lock Plate) W14128 Spring (Rack Lock Lever) W14128 Spring (Lock Plate) W14128 Spring (Lock Plate) W14128 Spring (Lock Plate) W14128 Spring Gear (1) W14128 Spring Gear (2) U14128

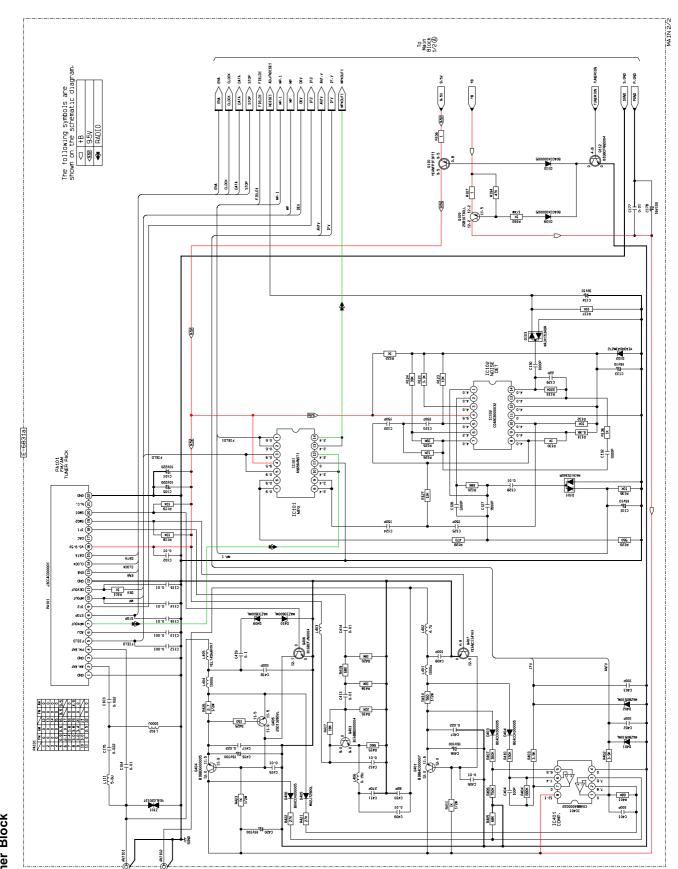
13 EXPLODED VIEW (CD Deck)



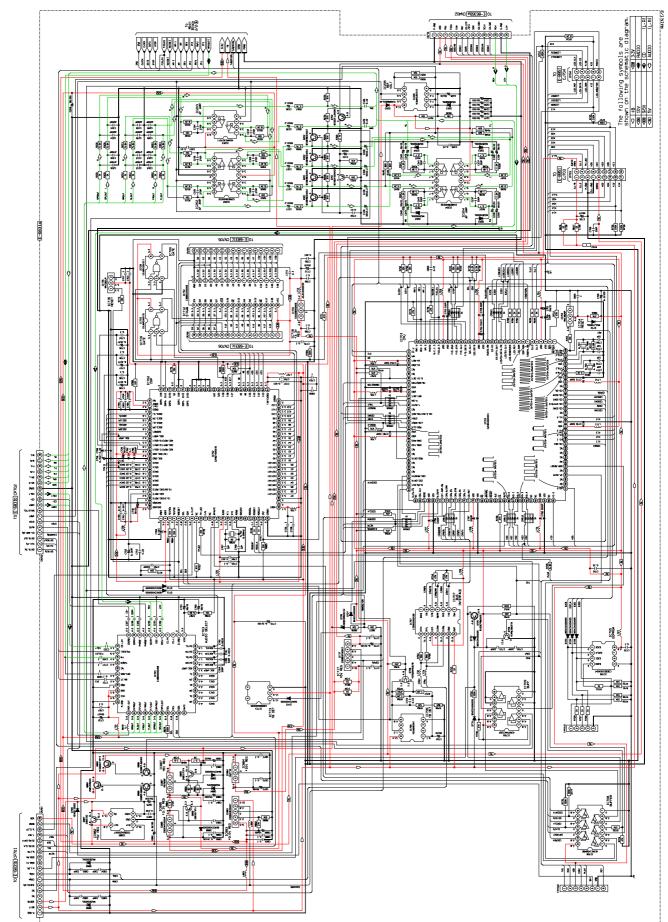
16 SCHEMATIC DIAGRAM -2

16.1. AMP Block









35

